Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051123\
Data File : BG057402.D
Acq On : 11 May 2023 17:27
Operator : CG/JU
Sample : 02694-21MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 00:04:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JREQ1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.367	152	15585	20.000	ng/ul	0.00
20) Naphthalene-d8	11.198	136	64697	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.981	164	49826	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.719	188	121959	20.000	ng/ul	0.00
79) Chrysene-d12	22.031	240	111924	20.000	ng/ul	0.00
88) Perylene-d12	25.526	264	119726	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.650	96	1244	3.513	ng/uL	0.00
4) Pyridine-d5	4.090	84	11546	10.341	ng/ul	0.00
7) Phenol-d5	7.509	99	12322	8.360	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.668	67	26174	30.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.891	132	26851	27.645	ng/ul	0.00
15) 4-Methylphenol-d8	9.066	113	22494	20.080	ng/ul	0.00
21) Nitrobenzene-d5	9.542	128	17983	34.903	ng/ul	0.00
24) 2-Nitrophenol-d4	10.270	143	21231	35.309	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.816	165	41347	35.642	ng/ul	0.00
31) 4-Chloroaniline-d4	11.327	131	41716	27.132	ng/ul	0.00
46) Dimethylphthalate-d6	14.365	166	161046	40.791	ng/ul	0.00
49) Acenaphthylene-d8	14.676	160	174994	39.437	ng/ul	0.00
54) 4-Nitrophenol-d4	15.175	143	5307	9.235	ng/ul	0.00
60) Fluorene-d10	15.962	176	148961	40.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.086	200	30492	42.198	ng/ul	0.00
73) Anthracene-d10	17.819	188	235753	42.350	ng/ul	0.00
81) Pyrene-d10	20.086	212	279591	42.085	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.291	264	263969	43.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.685	88	1697	4.518	ng/uL#	88
5) Pyridine	4.108	79	10903	9.263	ng/ul	92
6) Benzaldehyde	7.491	77	25638	56.953	ng/ul	87
8) Phenol	7.538	94	12180	8.199	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.762	93	30407	27.349	ng/ul	95
12) 2-Chlorophenol	7.926	128	25422	24.919	ng/ul	95
13) 2-Methylphenol	8.801	108	22134	19.226	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.878	45	35858	25.015	ng/ul#	92
16) Acetophenone	9.189	105	56538	29.331	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.166	70	31264	28.224	ng/ul	96
18) 4-Methylphenol	9.130	108	22396	17.972	ng/ul	93
19) Hexachloroethane	9.459	117	11932	27.954	ng/ul	95
22) Nitrobenzene	9.589	77	44714	29.145	ng/ul	98
23) Isophorone	10.106	82	86002	29.463	ng/ul	97
25) 2-Nitrophenol	10.305	139	19287	31.669	ng/ul	96
26) 2,4-Dimethylphenol	10.346	107	36499	26.418	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.576	93	45967	30.294	ng/ul	98
29) 2,4-Dichlorophenol	10.846	162	35575	32.308	ng/ul	92
30) Naphthalene	11.251	128	111301	31.333	ng/ul	98
32) 4-Chloroaniline	11.351	127	32914	20.545	ng/ul	99
33) Hexachlorobutadiene	11.521	225	29669	31.768	ng/ul	98
34) Caprolactam	12.109	113	1887	5.091	ng/ul	89
35) 4-Chloro-3-methylphenol	12.449	107	37998	29.992	ng/ul	96
36) 2-Methylnaphthalene	12.831	142	86288	33.124	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051123\
Data File : BG057402.D
Acq On : 11 May 2023 17:27
Operator : CG/JU
Sample : 02694-21MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 00:04:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JREQ1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.049	142	88800	33.901	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	13.190	216	64220	35.467	ng/ul	99
40)	Hexachlorocyclopentadiene	13.160	237	11434	12.654	ng/ul	96
41)	2,4,6-Trichlorophenol	13.425	196	38405	36.419	ng/ul	96
42)	2,4,5-Trichlorophenol	13.507	196	40167	35.477	ng/ul	93
43)	1,1'-Biphenyl	13.812	154	129140	33.967	ng/ul	99
44)	2-Chloronaphthalene	13.871	162	101509	34.434	ng/ul	99
45)	2-Nitroaniline	14.065	65	32589	36.620	ng/ul#	84
47)	Dimethylphthalate	14.412	163	141331	35.647	ng/ul	99
48)	2,6-Dinitrotoluene	14.547	165	31785	38.956	ng/ul	95
50)	Acenaphthylene	14.705	152	155829	34.558	ng/ul	99
51)	3-Nitroaniline	14.881	138	23548	40.732	ng/ul	97
52)	Acenaphthene	15.040	153	112118	34.897	ng/ul	99
53)	2,4-Dinitrophenol	15.099	184	12858	29.592	ng/ul	99
55)	4-Nitrophenol	15.193	109	5562m	8.538	ng/ul	
56)	Dibenzofuran	15.375	168	166181	35.819	ng/ul	99
57)	2,4-Dinitrotoluene	15.334	165	45832	39.239	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.598	232	37670	36.616	ng/ul	96
59)	Diethylphthalate	15.757	149	147005	36.496	ng/ul	99
61)	Fluorene	16.021	166	141015	35.945	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.998	204	82974	36.237	ng/ul	99
63)	4-Nitroaniline	16.033	138	26302	48.042	ng/ul	97
66)	4,6-Dinitro-2-methylph...	16.097	198	27086	36.786	ng/ul	99
67)	N-Nitrosodiphenylamine	16.209	169	115947	36.395	ng/ul	97
68)	4-Bromophenyl-phenylether	16.891	248	57295	39.306	ng/ul	96
69)	Hexachlorobenzene	17.026	284	61199	39.869	ng/ul	98
70)	Atrazine	17.143	200	40387	28.524	ng/ul	98
71)	Pentachlorophenol	17.372	266	22178m	31.258	ng/ul	
72)	Phenanthrene	17.760	178	241845	38.079	ng/ul	98
74)	Anthracene	17.854	178	239136	37.484	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.789	216	67176	36.621	ng/uL	100
76)	Pentachlorobenzene	15.293	250	70841	37.940	ng/uL	96
77)	Carbazole	18.118	167	204103	38.283	ng/ul	99
78)	Di-n-butylphthalate	18.635	149	237647	38.981	ng/ul	99
80)	Fluoranthene	19.751	202	297666	37.719	ng/ul#	97
82)	Pyrene	20.116	202	296697	37.138	ng/ul#	97
83)	Butylbenzylphthalate	20.961	149	104930	41.013	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.901	252	89995	36.205	ng/ul	97
85)	Benzo(a)anthracene	22.007	228	302543	38.220	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.849	149	151336	40.670	ng/ul	97
87)	Chrysene	22.078	228	284514	38.096	ng/ul	99
89)	Di-n-octyl phthalate	23.141	149	253058	38.275	ng/ul	100
90)	Benzo(b)fluoranthene	24.410	252	313263	37.784	ng/ul	96
91)	Benzo(k)fluoranthene	24.480	252	298938	37.061	ng/ul	99
93)	Benzo(a)pyrene	25.367	252	265952	37.156	ng/ul#	98
94)	Indeno(1,2,3-cd)pyrene	29.591	276	344540	38.507	ng/ul	98
95)	Dibenzo(a,h)anthracene	29.638	278	286598	38.629	ng/ul#	98
96)	Benzo(g,h,i)perylene	30.854	276	279343	38.576	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051123\
Data File : BG057402.D
Acq On : 11 May 2023 17:27
Operator : CG/JU
Sample : 02694-21MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 00:04:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JREQ1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023