Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051202.D
Acq On : 24 Nov 2021 4:45
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020557

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :mohammad ahmed 11/30/2021

Quant Time: Nov 24 06:58:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	29911	20.000	ng/ul	0.00
20) Naphthalene-d8	11.023	136	140534	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.830	164	99947	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.580	188	230445	20.000	ng/ul	0.00
79) Chrysene-d12	21.881	240	199313	20.000	ng/ul	0.00
88) Perylene-d12	25.277	264	197556	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	6141	7.135	ng/uL	0.00
4) Pyridine-d5	3.967	84	44273	17.529	ng/ul	-0.01
7) Phenol-d5	7.357	99	52886	17.890	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.510	67	34432	18.545	ng/ul	0.00
11) 2-Chlorophenol-d4	7.727	132	38837	18.244	ng/ul	0.00
15) 4-Methylphenol-d8	8.908	113	43532	18.248	ng/ul	0.00
21) Nitrobenzene-d5	9.372	128	21062	17.754	ng/ul	0.00
24) 2-Nitrophenol-d4	10.101	143	24420	18.248	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	41796	18.408	ng/ul	0.00
31) 4-Chloroaniline-d4	11.164	131	61688	18.568	ng/ul	0.00
46) Dimethylphthalate-d6	14.225	166	138494	18.009	ng/ul	0.00
49) Acenaphthylene-d8	14.525	160	178729	18.431	ng/ul	0.00
54) 4-Nitrophenol-d4	15.042	143	21654	17.395	ng/ul	0.00
60) Fluorene-d10	15.817	176	126373	18.248	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.947	200	24038	16.904	ng/ul	0.00
73) Anthracene-d10	17.680	188	197861	17.953	ng/ul	0.00
81) Pyrene-d10	19.960	212	217689	18.051	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.042	264	191186	18.120	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.579	88	6610	6.809	ng/uL	91
5) Pyridine	3.990	79	46024	17.512	ng/ul	99
6) Benzaldehyde	7.333	77	39792m	21.136	ng/ul	
8) Phenol	7.380	94	55328	18.067	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.604	93	41828	18.054	ng/ul	99
12) 2-Chlorophenol	7.762	128	39559	18.236	ng/ul	96
13) 2-Methylphenol	8.643	108	41485	18.186	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.720	45	60647	18.140	ng/ul	98
16) Acetophenone	9.025	105	68110	18.458	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.996	70	39798	18.769	ng/ul	97
18) 4-Methylphenol	8.973	108	45635	18.709	ng/ul	92
19) Hexachloroethane	9.284	117	16290	17.779	ng/ul	95
22) Nitrobenzene	9.419	77	56247	18.082	ng/ul	95
23) Isophorone	9.930	82	110628	18.306	ng/ul	99
25) 2-Nitrophenol	10.130	139	24944	17.996	ng/ul	99
26) 2,4-Dimethylphenol	10.183	107	52380	18.483	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.412	93	60681	18.188	ng/ul	99
29) 2,4-Dichlorophenol	10.676	162	40695	18.208	ng/ul	95
30) Naphthalene	11.076	128	138145	18.066	ng/ul	98
32) 4-Chloroaniline	11.188	127	59817	17.935	ng/ul	97
33) Hexachlorobutadiene	11.340	225	25973	16.848	ng/ul	98
34) Caprolactam	11.945	113	16731m	19.041	ng/ul	
35) 4-Chloro-3-methylphenol	12.298	107	50853	18.941	ng/ul	97
36) 2-Methylnaphthalene	12.668	142	96249	18.505	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.886	142	98889	18.480	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	13.032	216	55104	17.562	ng/ul	94
40)	Hexachlorocyclopentadiene	12.997	237	28511	22.480	ng/ul#	96
41)	2,4,6-Trichlorophenol	13.273	196	35475	18.016	ng/ul	96
42)	2,4,5-Trichlorophenol	13.356	196	36845	17.869	ng/ul	96
43)	1,1'-Biphenyl	13.661	154	133177	17.840	ng/ul	97
44)	2-Chloronaphthalene	13.714	162	106452	17.927	ng/ul	98
45)	2-Nitroaniline	13.920	65	38621	18.792	ng/ul	97
47)	Dimethylphthalate	14.266	163	139372	17.905	ng/ul	99
48)	2,6-Dinitrotoluene	14.407	165	29982	18.336	ng/ul	94
50)	Acenaphthylene	14.554	152	173944	18.155	ng/ul	100
51)	3-Nitroaniline	14.742	138	31812	19.683	ng/ul	99
52)	Acenaphthene	14.895	153	113136	17.905	ng/ul	99
53)	2,4-Dinitrophenol	14.960	184	15826m	17.511	ng/ul	
55)	4-Nitrophenol	15.059	109	22744	21.062	ng/ul	93
56)	Dibenzofuran	15.230	168	165268	18.134	ng/ul	99
57)	2,4-Dinitrotoluene	15.195	165	44301	18.970	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.453	232	30461	18.812	ng/ul	95
59)	Diethylphthalate	15.624	149	149203	18.260	ng/ul	99
61)	Fluorene	15.876	166	134362	18.405	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.859	204	70709	17.973	ng/ul	98
63)	4-Nitroaniline	15.906	138	33120	21.058	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.964	198	23229	16.938	ng/ul	99
67)	N-Nitrosodiphenylamine	16.076	169	120672	18.291	ng/ul	96
68)	4-Bromophenyl-phenylether	16.758	248	42960	17.394	ng/ul	93
69)	Hexachlorobenzene	16.881	284	45475	18.057	ng/ul	97
70)	Atrazine	17.016	200	50295	18.140	ng/ul	99
71)	Pentachlorophenol	17.233	266	20638m	18.494	ng/ul	
72)	Phenanthrene	17.621	178	227641	17.891	ng/ul	99
74)	Anthracene	17.715	178	227966	18.040	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.632	216	59573	17.723	ng/uL	99
76)	Pentachlorobenzene	15.148	250	55491	17.718	ng/uL	99
77)	Carbazole	17.985	167	202516	18.258	ng/ul	99
78)	Di-n-butylphthalate	18.508	149	258374	18.065	ng/ul	99
80)	Fluoranthene	19.625	202	271215	18.310	ng/ul	97
82)	Pyrene	19.989	202	265884	18.350	ng/ul	96
83)	Butylbenzylphthalate	20.847	149	110824	18.398	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.763	252	82685	17.818	ng/ul	96
85)	Benzo(a)anthracene	21.857	228	242635	17.948	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.722	149	159400	18.389	ng/ul	98
87)	Chrysene	21.928	228	232934	17.936	ng/ul	98
89)	Di-n-octyl phthalate	22.985	149	270455	18.897	ng/ul	100
90)	Benzo(b)fluoranthene	24.190	252	245581	18.420	ng/ul	99
91)	Benzo(k)fluoranthene	24.255	252	224455	17.940	ng/ul	100
93)	Benzo(a)pyrene	25.118	252	229540	18.046	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	29.178	276	255356	17.941	ng/ul	97
95)	Dibenzo(a,h)anthracene	29.243	278	218678	18.110	ng/ul	96
96)	Benzo(g,h,i)perylene	30.418	276	214693	17.928	ng/ul	96

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

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