Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058398.D
Acq On : 21 Jul 2023 22:56
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020532

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 22 02:31:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	59054	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	258272	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	173057	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	392701	20.000	ng/ul	0.00
79) Chrysene-d12	21.534	240	326475	20.000	ng/ul	0.00
88) Perylene-d12	24.665	264	403160	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	11710	7.298	ng/uL	0.00
4) Pyridine-d5	3.755	84	89424	18.777	ng/ul	0.00
7) Phenol-d5	7.062	99	104297	18.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	65390	18.675	ng/ul	0.00
11) 2-Chlorophenol-d4	7.427	132	74168	18.914	ng/ul	0.00
15) 4-Methylphenol-d8	8.602	113	75378	17.640	ng/ul	0.00
21) Nitrobenzene-d5	9.060	128	38427	19.850	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	42688	20.198	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	78709	19.427	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	103685	17.654	ng/ul	0.00
46) Dimethylphthalate-d6	13.937	166	223526	16.750	ng/ul	0.00
49) Acenaphthylene-d8	14.231	160	267302	19.114	ng/ul	0.00
54) 4-Nitrophenol-d4	14.742	143	32973	16.361	ng/ul	0.00
60) Fluorene-d10	15.523	176	202618	18.339	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	21524	10.758	ng/ul	0.00
73) Anthracene-d10	17.380	188	316758	18.668	ng/ul	0.00
81) Pyrene-d10	19.665	212	348647	18.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.448	264	349988	17.961	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.379	88	12758	7.010	ng/uL#	93
5) Pyridine	3.772	79	95617	19.012	ng/ul	99
6) Benzaldehyde	7.033	77	43422m	19.193	ng/ul	
8) Phenol	7.086	94	108723	18.688	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.315	93	84048	18.858	ng/ul	97
12) 2-Chlorophenol	7.462	128	79660	19.407	ng/ul	97
13) 2-Methylphenol	8.337	108	80945	17.852	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.426	45	137445	18.819	ng/ul	100
16) Acetophenone	8.719	105	129846	17.843	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.696	70	66086	16.593	ng/ul	98
18) 4-Methylphenol	8.666	108	88556	17.971	ng/ul	100
19) Hexachloroethane	8.978	117	31955	19.750	ng/ul	90
22) Nitrobenzene	9.101	77	97063	18.801	ng/ul	100
23) Isophorone	9.618	82	193834	16.747	ng/ul	100
25) 2-Nitrophenol	9.812	139	44355	19.648	ng/ul	95
26) 2,4-Dimethylphenol	9.871	107	92860	18.448	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.100	93	112524	18.357	ng/ul	97
29) 2,4-Dichlorophenol	10.347	162	76451	19.881	ng/ul	96
30) Naphthalene	10.746	128	260813	18.893	ng/ul	100
32) 4-Chloroaniline	10.858	127	107937	17.981	ng/ul	98
33) Hexachlorobutadiene	11.028	225	55556	20.205	ng/ul	97
34) Caprolactam	11.610	113	25060	15.691	ng/ul	92
35) 4-Chloro-3-methylphenol	11.986	107	86005	17.575	ng/ul	96
36) 2-Methylnaphthalene	12.356	142	170057	18.387	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.574	142	173326	18.285	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.726	216	101714	20.304	ng/ul	97
40)	Hexachlorocyclopentadiene	12.697	237	37672	13.982	ng/ul	96
41)	2,4,6-Trichlorophenol	12.967	196	66083	19.486	ng/ul	96
42)	2,4,5-Trichlorophenol	13.044	196	69353	19.178	ng/ul	98
43)	1,1'-Biphenyl	13.367	154	224969	19.225	ng/ul	98
44)	2-Chloronaphthalene	13.408	162	183767	19.751	ng/ul	99
45)	2-Nitroaniline	13.614	65	60153	18.613	ng/ul	98
47)	Dimethylphthalate	13.984	163	227314	16.958	ng/ul	98
48)	2,6-Dinitrotoluene	14.113	165	47766	18.441	ng/ul	93
50)	Acenaphthylene	14.254	152	287573	19.050	ng/ul	100
51)	3-Nitroaniline	14.442	138	38889	18.016	ng/ul	89
52)	Acenaphthene	14.601	153	197235	18.818	ng/ul	99
53)	2,4-Dinitrophenol	14.648	184	12719	9.226	ng/ul	92
55)	4-Nitrophenol	14.753	109	25337	16.324	ng/ul	93
56)	Dibenzofuran	14.930	168	276106	18.501	ng/ul	99
57)	2,4-Dinitrotoluene	14.900	165	67247	18.000	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.159	232	59906	17.930	ng/ul#	98
59)	Diethylphthalate	15.347	149	232423	16.831	ng/ul	99
61)	Fluorene	15.582	166	224180	18.318	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.570	204	118068	18.172	ng/ul	99
63)	4-Nitroaniline	15.600	138	26373	13.502	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.664	198	21753	10.568	ng/ul	97
67)	N-Nitrosodiphenylamine	15.788	169	186486	19.157	ng/ul	99
68)	4-Bromophenyl-phenylether	16.463	248	79513	19.116	ng/ul	96
69)	Hexachlorobenzene	16.587	284	88545	18.865	ng/ul	97
70)	Atrazine	16.733	200	71140	18.640	ng/ul	98
71)	Pentachlorophenol	16.933	266	45452	17.252	ng/ul	90
72)	Phenanthrene	17.321	178	345882	18.534	ng/ul	99
74)	Anthracene	17.415	178	349798	18.671	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.332	216	104111	21.136	ng/uL	98
76)	Pentachlorobenzene	14.853	250	107840	20.020	ng/uL	95
77)	Carbazole	17.679	167	314810	19.384	ng/ul	98
78)	Di-n-butylphthalate	18.232	149	393802	19.083	ng/ul	99
80)	Fluoranthene	19.330	202	407542	18.449	ng/ul	99
82)	Pyrene	19.695	202	410715	18.350	ng/ul	99
83)	Butylbenzylphthalate	20.576	149	173223	19.654	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.428	252	140247	19.244	ng/ul#	97
85)	Benzo(a)anthracene	21.510	228	409760	18.673	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.410	149	251261	20.043	ng/ul	100
87)	Chrysene	21.575	228	384741	18.484	ng/ul	99
89)	Di-n-octyl phthalate	22.585	149	432055	20.141	ng/ul	100
90)	Benzo(b)fluoranthene	23.667	252	425940	18.260	ng/ul	99
91)	Benzo(k)fluoranthene	23.731	252	413345	17.767	ng/ul	100
93)	Benzo(a)pyrene	24.513	252	373193	17.988	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	28.238	276	498913	18.251	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.291	278	412169	18.388	ng/ul	98
96)	Benzo(g,h,i)perylene	29.354	276	408350	18.335	ng/ul	97

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

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