Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061417.D
Acq On : 1 Jun 2024 7:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020509

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

Quant Time: Jun 02 23:10:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	27106	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	113819	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.511	164	90664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.261	188	212602	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	219482	20.000	ng/ul	0.00
88) Perylene-d12	24.599	264	251331	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	5209	10.754	ng/uL	0.00
4) Pyridine-d5	3.736	84	36951	21.444	ng/ul	0.00
7) Phenol-d5	7.055	99	48706	21.881	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	29007	20.732	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	37629	22.842	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	40207	21.183	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	20314	23.181	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	23381	22.797	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	46960	23.487	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	56393	21.558	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166	143729	20.440	ng/ul	0.00
49) Acenaphthylene-d8	14.200	160	166253	22.742	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143	17307	19.908	ng/ul	0.00
60) Fluorene-d10	15.504	176	133203	21.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	24161	18.790	ng/ul	0.00
73) Anthracene-d10	17.361	188	210101	22.416	ng/ul	0.00
81) Pyrene-d10	19.652	212	251767	22.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.394	264	271536	22.473	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.360	88	5444	9.364	ng/uL#	82
5) Pyridine	3.753	79	37534	22.023	ng/ul	98
6) Benzaldehyde	7.014	77	14394	12.367	ng/ul#	88
8) Phenol	7.085	94	49216	21.700	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.296	93	37050	22.333	ng/ul	94
12) 2-Chlorophenol	7.443	128	39980	22.964	ng/ul	100
13) 2-Methylphenol	8.330	108	38840	22.097	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.395	45	90018	20.092	ng/ul	97
16) Acetophenone	8.695	105	65463	20.209	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.671	70	33784	18.968	ng/ul	92
18) 4-Methylphenol	8.653	108	40942	21.023	ng/ul	92
19) Hexachloroethane	8.947	117	17430	22.501	ng/ul	83
22) Nitrobenzene	9.071	77	53149	22.113	ng/ul	99
23) Isophorone	9.594	82	95086	19.448	ng/ul	99
25) 2-Nitrophenol	9.782	139	24568	22.070	ng/ul	99
26) 2,4-Dimethylphenol	9.852	107	49669	22.518	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.075	93	51689	21.090	ng/ul	96
29) 2,4-Dichlorophenol	10.328	162	42789	23.235	ng/ul	96
30) Naphthalene	10.716	128	134672	22.417	ng/ul	98
32) 4-Chloroaniline	10.827	127	55656	21.410	ng/ul	100
33) Hexachlorobutadiene	10.998	225	40814	22.674	ng/ul	92
34) Caprolactam	11.585	113	17149	24.340	ng/ul	92
35) 4-Chloro-3-methylphenol	11.973	107	49691	20.873	ng/ul	92
36) 2-Methylnaphthalene	12.326	142	93809	21.532	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.549	142	94904	21.226	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.702	216	74544	24.903	ng/ul	94
40) Hexachlorocyclopentadiene	12.678	237	14744	10.913	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.948	196	42776	25.371	ng/ul	98
42) 2,4,5-Trichlorophenol	13.031	196	45013	25.352	ng/ul	94
43) 1,1'-Biphenyl	13.342	154	136736	23.324	ng/ul	98
44) 2-Chloronaphthalene	13.383	162	109964	23.835	ng/ul	98
45) 2-Nitroaniline	13.589	65	41137	21.604	ng/ul	97
47) Dimethylphthalate	13.965	163	150564	20.544	ng/ul	99
48) 2,6-Dinitrotoluene	14.088	165	31985	22.255	ng/ul	98
50) Acenaphthylene	14.229	152	184021	22.700	ng/ul	97
51) 3-Nitroaniline	14.417	138	24361	19.531	ng/ul	99
52) Acenaphthene	14.570	153	121112	22.775	ng/ul	98
53) 2,4-Dinitrophenol	14.646	184	16611m	21.795	ng/ul	
55) 4-Nitrophenol	14.764	109	18789	18.383	ng/ul	96
56) Dibenzofuran	14.911	168	170892	22.476	ng/ul	96
57) 2,4-Dinitrotoluene	14.887	165	46175	21.117	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.146	232	35764	22.085	ng/ul	97
59) Diethylphthalate	15.328	149	146429	20.233	ng/ul	97
61) Fluorene	15.563	166	144920	22.029	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	84377	21.869	ng/ul	99
63) 4-Nitroaniline	15.587	138	22464	17.292	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.657	198	26023	19.311	ng/ul	92
67) N-Nitrosodiphenylamine	15.769	169	123734	23.156	ng/ul	99
68) 4-Bromophenyl-phenylether	16.444	248	58348	23.163	ng/ul	97
69) Hexachlorobenzene	16.574	284	63825	22.795	ng/ul	98
70) Atrazine	16.720	200	45086	21.320	ng/ul	99
71) Pentachlorophenol	16.926	266	24016m	24.644	ng/ul	
72) Phenanthrene	17.302	178	231793	22.463	ng/ul	100
74) Anthracene	17.390	178	239860	22.482	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.307	216	75764	26.960	ng/uL	95
76) Pentachlorobenzene	14.834	250	77058	24.801	ng/uL	95
77) Carbazole	17.666	167	197375	22.744	ng/ul	99
78) Di-n-butylphthalate	18.225	149	242270	22.281	ng/ul	100
80) Fluoranthene	19.317	202	304177	22.500	ng/ul	99
82) Pyrene	19.682	202	310647	22.137	ng/ul	99
83) Butylbenzylphthalate	20.569	149	111173	23.062	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.415	252	103001	22.109	ng/ul	96
85) Benzo(a)anthracene	21.497	228	339969	22.449	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.403	149	160978	22.559	ng/ul	98
87) Chrysene	21.556	228	310595	22.273	ng/ul	98
89) Di-n-octyl phthalate	22.567	149	278949	22.185	ng/ul	100
90) Benzo(b)fluoranthene	23.624	252	329962	22.050	ng/ul	99
91) Benzo(k)fluoranthene	23.689	252	339477	22.347	ng/ul	97
93) Benzo(a)pyrene	24.458	252	316181	22.251	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.107	276	379117	22.063	ng/ul	98
95) Dibenzo(a,h)anthracene	28.148	278	314709	22.211	ng/ul	97
96) Benzo(g,h,i)perylene	29.200	276	298496m	21.836	ng/ul	

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

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