Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061957.D
Acq On : 9 Jul 2024 1:38
Operator : MA/JU
Sample : P3062-03MSD 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E1GN8MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 03:01:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	39007	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	207570	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.717	164	144209	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.461	188	330564	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.721	240	294005	20.000	ng/ul	# 0.00
88) Perylene-d12	24.958	264	355874	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.483	96	2982m	2.873	ng/uL	0.00
4) Pyridine-d5	3.906	84	19579	6.134	ng/ul	0.00
7) Phenol-d5	7.244	99	55723	13.054	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.414	67	107625	39.813	ng/ul	0.00
11) 2-Chlorophenol-d4	7.626	132	121858	41.616	ng/ul	0.00
15) 4-Methylphenol-d8	8.801	113	97671	29.060	ng/ul	0.00
21) Nitrobenzene-d5	9.265	128	74631	47.275	ng/ul	0.00
24) 2-Nitrophenol-d4	9.982	143	88128	48.885	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	168331	48.409	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.039	131	104526	20.705	ng/ul	0.00
46) Dimethylphthalate-d6	14.118	166	587743	49.574	ng/ul	0.00
49) Acenaphthylene-d8	14.418	160	622773	50.235	ng/ul	0.00
54) 4-Nitrophenol-d4	14.905	143	26914	14.215	ng/ul	-0.01
60) Fluorene-d10	15.704	176	491892	49.284	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	104119	59.974	ng/ul	0.00
73) Anthracene-d10	17.555	188	758537	49.149	ng/ul	0.00
81) Pyrene-d10	19.835	212	871504	50.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.741	264	949951	53.823	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.513	88	7214	6.297	ng/uL#	83
5) Pyridine	3.924	79	21133m	6.456	ng/ul	
6) Benzaldehyde	7.226	77	58082	25.708	ng/ul	89
8) Phenol	7.273	94	55626	12.728	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.508	93	128619	38.309	ng/ul	95
12) 2-Chlorophenol	7.661	128	117287	39.316	ng/ul#	87
13) 2-Methylphenol	8.530	108	104433	33.479	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.613	45	271906	37.069	ng/ul	99
16) Acetophenone	8.918	105	248134	44.694	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.901	70	127569	41.043	ng/ul#	91
18) 4-Methylphenol	8.865	108	102271	29.276	ng/ul	91
19) Hexachloroethane	9.177	117	53416	41.276	ng/ul#	79
22) Nitrobenzene	9.306	77	202791	45.255	ng/ul	96
23) Isophorone	9.823	82	396818	39.197	ng/ul	96
25) 2-Nitrophenol	10.017	139	87374	47.525	ng/ul	97
26) 2,4-Dimethylphenol	10.070	107	163728	37.211	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.305	93	205991	36.949	ng/ul	99
29) 2,4-Dichlorophenol	10.552	162	149102	45.648	ng/ul	96
30) Naphthalene	10.957	128	483116	42.372	ng/ul	98
32) 4-Chloroaniline	11.063	127	92110	18.594	ng/ul	98
33) Hexachlorobutadiene	11.233	225	105499	42.921	ng/ul#	85
34) Caprolactam	11.832	113	9041m	7.065	ng/ul	
35) 4-Chloro-3-methylphenol	12.173	107	191065	43.921	ng/ul	94
36) 2-Methylnaphthalene	12.555	142	367999	44.550	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.772	142	383838	44.715	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.914	216	220080	50.819	ng/ul	98
40)	Hexachlorocyclopentadiene	12.890	237	72684	25.212	ng/ul	99
41)	2,4,6-Trichlorophenol	13.154	196	142691	49.608	ng/ul	97
42)	2,4,5-Trichlorophenol	13.225	196	160276	50.725	ng/ul	95
43)	1,1'-Biphenyl	13.554	154	524939	47.244	ng/ul	98
44)	2-Chloronaphthalene	13.601	162	394530	47.311	ng/ul	95
45)	2-Nitroaniline	13.801	65	184887	55.365	ng/ul	98
47)	Dimethylphthalate	14.165	163	534899	46.906	ng/ul	99
48)	2,6-Dinitrotoluene	14.294	165	118822	54.925	ng/ul	99
50)	Acenaphthylene	14.441	152	630385	46.331	ng/ul	97
51)	3-Nitroaniline	14.623	138	91721	43.556	ng/ul	90
52)	Acenaphthene	14.782	153	436995	46.512	ng/ul	96
53)	2,4-Dinitrophenol	14.829	184	64816	57.348	ng/ul	94
55)	4-Nitrophenol	14.923	109	36212	16.758	ng/ul	89
56)	Dibenzofuran	15.117	168	628574	47.337	ng/ul	95
57)	2,4-Dinitrotoluene	15.076	165	173558	54.705	ng/ul#	85
58)	2,3,4,6-Tetrachlorophenol	15.340	232	139356	48.842	ng/ul#	94
59)	Diethylphthalate	15.522	149	558104	45.416	ng/ul	97
61)	Fluorene	15.763	166	528059	46.762	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.751	204	269323	47.481	ng/ul	90
63)	4-Nitroaniline	15.787	138	110645	51.782	ng/ul#	80
66)	4,6-Dinitro-2-methylph...	15.839	198	108008	57.809	ng/ul	94
67)	N-Nitrosodiphenylamine	15.963	169	443603	49.139	ng/ul	98
68)	4-Bromophenyl-phenylether	16.644	248	187424	49.977	ng/ul	97
69)	Hexachlorobenzene	16.756	284	221693	51.410	ng/ul	97
70)	Atrazine	16.903	200	75469	21.177	ng/ul#	96
71)	Pentachlorophenol	17.103	266	114131	48.150	ng/ul	96
72)	Phenanthrene	17.502	178	844832	48.470	ng/ul	98
74)	Anthracene	17.596	178	825601	45.834	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.525	216	235078	57.258	ng/ul	97
76)	Pentachlorobenzene	15.029	250	230364	49.195	ng/ul	96
77)	Carbazole	17.861	167	747130	49.285	ng/ul	99
78)	Di-n-butylphthalate	18.407	149	911434	46.830	ng/ul	98
80)	Fluoranthene	19.506	202	995889	48.662	ng/ul#	93
82)	Pyrene	19.864	202	1024927	48.482	ng/ul	96
83)	Butylbenzylphthalate	20.740	149	421747	47.536	ng/ul	92
84)	3,3'-Dichlorobenzidine	21.609	252	252032	36.033	ng/ul	98
85)	Benzo(a)anthracene	21.697	228	1067749	50.160	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.597	149	595408	46.768	ng/ul#	96
87)	Chrysene	21.768	228	996452	50.003	ng/ul	98
89)	Di-n-octyl phthalate	22.814	149	1063088	48.897	ng/ul	100
90)	Benzo(b)fluoranthene	23.930	252	1136280m	50.679	ng/ul	
91)	Benzo(k)fluoranthene	23.995	252	1150281	51.447	ng/ul#	94
93)	Benzo(a)pyrene	24.811	252	975832	45.961	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	28.666	276	1430813	52.735	ng/ul	97
95)	Dibenzo(a,h)anthracene	28.730	278	1162426	51.874	ng/ul#	97
96)	Benzo(g,h,i)perylene	29.823	276	1060949	49.152	ng/ul	95

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

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