Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
Data File : BG062325.D
Acq On : 8 Aug 2024 8:39
Operator : MA/JU
Sample : PB162305BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS305

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 08 09:21:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:46:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	69613	20.000	ng/ul	0.00
20) Naphthalene-d8	10.749	136	325891	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.574	164	252609	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	525666	20.000	ng/ul	0.00
79) Chrysene-d12	21.558	240	514596	20.000	ng/ul	0.00
88) Perylene-d12	24.642	264	582714	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.424	96	8807	5.455	ng/uL	0.00
4) Pyridine-d5	3.824	84	117137	23.063	ng/ul	0.00
7) Phenol-d5	7.113	99	189002	28.445	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.284	67	112528	27.512	ng/ul	0.00
11) 2-Chlorophenol-d4	7.489	132	132047	27.738	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	151513	27.377	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	69164	34.418	ng/ul	0.00
24) 2-Nitrophenol-d4	9.833	143	77985	41.254	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	158240	28.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	192517	24.176	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	506318	25.979	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	582497	26.360	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	83621	30.647	ng/ul	0.00
60) Fluorene-d10	15.567	176	466352	26.658	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	75055	48.211	ng/ul	0.00
73) Anthracene-d10	17.417	188	674123	26.589	ng/ul	0.00
81) Pyrene-d10	19.696	212	846727	27.683	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.431	264	852091	27.354	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	15356	8.425	ng/uL	92
5) Pyridine	3.847	79	128928m	24.422	ng/ul	
6) Benzaldehyde	7.096	77	94982m	27.049	ng/ul	
8) Phenol	7.143	94	196326	28.003	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.378	93	139219	26.794	ng/ul	97
12) 2-Chlorophenol	7.524	128	141360	27.949	ng/ul	96
13) 2-Methylphenol	8.394	108	145374	27.499	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.482	45	289458	27.267	ng/ul	100
16) Acetophenone	8.776	105	238780	27.092	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.764	70	129733	27.697	ng/ul	96
18) 4-Methylphenol	8.717	108	164809	27.840	ng/ul	98
19) Hexachloroethane	9.040	117	55426	29.488	ng/ul	97
22) Nitrobenzene	9.152	77	184101	32.216	ng/ul	98
23) Isophorone	9.680	82	364485	26.513	ng/ul	99
25) 2-Nitrophenol	9.862	139	84728	36.951	ng/ul	95
26) 2,4-Dimethylphenol	9.921	107	136201	20.752	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.162	93	207553	26.772	ng/ul	99
29) 2,4-Dichlorophenol	10.397	162	161699	29.058	ng/ul	99
30) Naphthalene	10.802	128	492187	26.570	ng/ul	98
32) 4-Chloroaniline	10.902	127	174569	22.429	ng/ul	100
33) Hexachlorobutadiene	11.096	225	113536	26.958	ng/ul	99
34) Caprolactam	11.660	113	54625m	28.064	ng/ul	
35) 4-Chloro-3-methylphenol	12.018	107	184924	29.615	ng/ul	99
36) 2-Methylnaphthalene	12.406	142	364846	28.588	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.623	142	369962	27.980	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.770	216	234374	28.418	ng/ul	99
40) Hexachlorocyclopentadiene	12.759	237	91831	28.651	ng/ul	98
41) 2,4,6-Trichlorophenol	13.005	196	128748	26.916	ng/ul	94
42) 2,4,5-Trichlorophenol	13.076	196	144524	28.043	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	513024	26.805	ng/ul	100
44) 2-Chloronaphthalene	13.452	162	408091	27.441	ng/ul	98
45) 2-Nitroaniline	13.646	65	132456	34.970	ng/ul	98
47) Dimethylphthalate	14.033	163	517222	26.453	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	100365	37.596	ng/ul#	92
50) Acenaphthylene	14.298	152	640442	27.200	ng/ul	99
51) 3-Nitroaniline	14.468	138	98075	32.272	ng/ul#	99
52) Acenaphthene	14.638	153	459851	26.232	ng/ul	98
53) 2,4-Dinitrophenol	14.674	184	45430	42.799	ng/ul#	83
55) 4-Nitrophenol	14.773	109	69647	28.536	ng/ul	96
56) Dibenzofuran	14.973	168	640548	26.450	ng/ul	98
57) 2,4-Dinitrotoluene	14.926	165	146790	40.085	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.196	232	114133	24.593	ng/ul	97
59) Diethylphthalate	15.402	149	503287	25.492	ng/ul	99
61) Fluorene	15.625	166	496171	26.202	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.619	204	257653	26.391	ng/ul	97
63) 4-Nitroaniline	15.637	138	103275	35.262	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.696	198	82089	45.764	ng/ul	95
67) N-Nitrosodiphenylamine	15.825	169	440522	27.966	ng/ul	98
68) 4-Bromophenyl-phenylether	16.512	248	170694	28.500	ng/ul	98
69) Hexachlorobenzene	16.624	284	195817	28.105	ng/ul	96
70) Atrazine	16.771	200	15553	2.577	ng/ul	95
71) Pentachlorophenol	16.965	266	89405	24.370	ng/ul	99
72) Phenanthrene	17.358	178	814353	27.524	ng/ul	100
74) Anthracene	17.446	178	812314	26.751	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	231652	29.424	ng/ul	98
76) Pentachlorobenzene	14.897	250	228296	27.719	ng/ul	95
77) Carbazole	17.711	167	689483	27.687	ng/ul	99
78) Di-n-butylphthalate	18.286	149	841686	28.404	ng/ul	99
80) Fluoranthene	19.361	202	969745	28.040	ng/ul	100
82) Pyrene	19.726	202	1016247	27.593	ng/ul	100
83) Butylbenzylphthalate	20.624	149	371362	29.215	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.453	252	350335	30.245	ng/ul	99
85) Benzo(a)anthracene	21.535	228	1056826	28.043	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.470	149	544761	27.769	ng/ul	97
87) Chrysene	21.600	228	994565	27.955	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	941574	28.366	ng/ul	100
90) Benzo(b)fluoranthene	23.667	252	1017605	28.708	ng/ul	99
91) Benzo(k)fluoranthene	23.732	252	996943	27.646	ng/ul	99
93) Benzo(a)pyrene	24.501	252	901135	26.868	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.126	276	1201664	27.648	ng/ul	99
95) Dibenzo(a,h)anthracene	28.202	278	1002507	28.240	ng/ul	98
96) Benzo(g,h,i)perylene	29.219	276	932811	28.263	ng/ul	98

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

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