Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063320.D
Acq On : 12 Nov 2024 11:28
Operator : RC/JU
Sample : PB164734BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS734

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 12:25:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	125171	20.000	ng/ul	0.00
20) Naphthalene-d8	10.623	136	607163	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.472	164	517302	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1246555	20.000	ng/ul	0.00
79) Chrysene-d12	21.481	240	1272577	20.000	ng/ul	# 0.00
88) Perylene-d12	24.519	264	1342110	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	14359	5.187	ng/uL	0.00
4) Pyridine-d5	3.702	84	238337	26.049	ng/ul	0.00
7) Phenol-d5	7.010	99	365519	32.362	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.168	67	199380	30.095	ng/ul	0.00
11) 2-Chlorophenol-d4	7.374	132	253388	34.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.549	113	312896	32.684	ng/ul	0.00
21) Nitrobenzene-d5	8.990	128	136329	31.938	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	165053	29.918	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.253	165	346914	32.043	ng/ul	0.00
31) 4-Chloroaniline-d4	10.758	131	384675	27.279	ng/ul	0.00
46) Dimethylphthalate-d6	13.884	166	1076770	26.574	ng/ul	0.00
49) Acenaphthylene-d8	14.166	160	1234005	31.114	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	158808	28.625	ng/ul	0.00
60) Fluorene-d10	15.470	176	1008925	29.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	223100	28.477	ng/ul	0.00
73) Anthracene-d10	17.321	188	1647927	30.759	ng/ul	0.00
81) Pyrene-d10	19.624	212	2023663	31.717	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.313	264	2057708	31.755	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.332	88	36318	10.657	ng/uL#	79
5) Pyridine	3.719	79	236706	25.356	ng/ul	92
6) Benzaldehyde	6.974	77	24791	3.971	ng/ul#	88
8) Phenol	7.039	94	384069	31.203	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.256	93	244694	29.231	ng/ul	91
12) 2-Chlorophenol	7.403	128	254908	32.506	ng/ul	96
13) 2-Methylphenol	8.279	108	289736	32.226	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.349	45	336726	31.825	ng/ul	98
16) Acetophenone	8.655	105	436554	28.322	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.643	70	251693	27.993	ng/ul	97
18) 4-Methylphenol	8.608	108	320274	31.327	ng/ul	96
19) Hexachloroethane	8.913	117	97270	30.609	ng/ul	96
22) Nitrobenzene	9.031	77	372048	28.268	ng/ul	97
23) Isophorone	9.554	82	700736	25.226	ng/ul	99
25) 2-Nitrophenol	9.742	139	162883	29.867	ng/ul	94
26) 2,4-Dimethylphenol	9.806	107	335887	28.236	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.036	93	388788	29.033	ng/ul	94
29) 2,4-Dichlorophenol	10.276	162	322030	31.551	ng/ul	94
30) Naphthalene	10.676	128	892997	28.744	ng/ul	99
32) 4-Chloroaniline	10.782	127	195622	14.494	ng/ul	97
33) Hexachlorobutadiene	10.958	225	259552	26.570	ng/ul	96
34) Caprolactam	11.546	113	99852m	23.538	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	350306	28.603	ng/ul	94
36) 2-Methylnaphthalene	12.286	142	688499	27.962	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.509	142	683765	26.704	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.662	216	545384	29.907	ng/ul	98
40) Hexachlorocyclopentadiene	12.638	237	173506	17.425	ng/ul	96
41) 2,4,6-Trichlorophenol	12.903	196	317742	32.280	ng/ul	96
42) 2,4,5-Trichlorophenol	12.979	196	341898	32.031	ng/ul	93
43) 1,1'-Biphenyl	13.302	154	988197	30.137	ng/ul	98
44) 2-Chloronaphthalene	13.343	162	783518	30.693	ng/ul	99
45) 2-Nitroaniline	13.549	65	260044	29.863	ng/ul	96
47) Dimethylphthalate	13.931	163	1016355	26.159	ng/ul	99
48) 2,6-Dinitrotoluene	14.054	165	226087	30.409	ng/ul	92
50) Acenaphthylene	14.195	152	1198598	30.338	ng/ul	98
51) 3-Nitroaniline	14.383	138	201971	31.122	ng/ul	96
52) Acenaphthene	14.536	153	852895	30.163	ng/ul	99
53) 2,4-Dinitrophenol	14.595	184	116096	23.685	ng/ul	93
55) 4-Nitrophenol	14.701	109	179835	24.940	ng/ul	90
56) Dibenzofuran	14.871	168	1276671	29.494	ng/ul	99
57) 2,4-Dinitrotoluene	14.842	165	330404	28.098	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.106	232	323087	29.226	ng/ul	96
59) Diethylphthalate	15.300	149	1009157	25.334	ng/ul	99
61) Fluorene	15.523	166	1067270	29.133	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.517	204	653679	27.764	ng/ul	99
63) 4-Nitroaniline	15.547	138	224164	34.128	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.611	198	225702	27.760	ng/ul	95
67) N-Nitrosodiphenylamine	15.735	169	890559	32.024	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	441210	30.961	ng/ul	97
69) Hexachlorobenzene	16.534	284	456126	30.045	ng/ul	97
70) Atrazine	16.687	200	406591	26.727	ng/ul	97
71) Pentachlorophenol	16.880	266	220989	29.036	ng/ul	95
72) Phenanthrene	17.268	178	1741973	30.585	ng/ul	99
74) Anthracene	17.362	178	1771974	30.371	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.273	216	544813	33.798	ng/ul	98
76) Pentachlorobenzene	14.795	250	542195	31.542	ng/ul	100
77) Carbazole	17.633	167	1469893	30.344	ng/ul	98
78) Di-n-butylphthalate	18.191	149	1682759	30.540	ng/ul	99
80) Fluoranthene	19.284	202	2176855	31.564	ng/ul#	97
82) Pyrene	19.654	202	2268063	31.026	ng/ul	98
83) Butylbenzylphthalate	20.547	149	747165	34.973	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.381	252	816279	29.830	ng/ul#	100
85) Benzo(a)anthracene	21.463	228	2469081	30.674	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.375	149	1070743	34.409	ng/ul	97
87) Chrysene	21.522	228	2282338	30.412	ng/ul	98
89) Di-n-octyl phthalate	22.521	149	1857135	35.114	ng/ul	100
90) Benzo(b)fluoranthene	23.555	252	2454199m	30.392	ng/ul	
91) Benzo(k)fluoranthene	23.620	252	2495665	31.029	ng/ul	99
93) Benzo(a)pyrene	24.372	252	2287409	30.624	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.932	276	2845673	31.059	ng/ul	97
95) Dibenzo(a,h)anthracene	27.991	278	2310053	30.926	ng/ul#	98
96) Benzo(g,h,i)perylene	29.007	276	2151597	30.974	ng/ul	99

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

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