Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063890.D
Acq On : 28 Dec 2024 5:20
Operator : RC/JU
Sample : PB165853BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 28 05:54:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS853

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	93575	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	375826	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	267406	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	615030	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	687422	20.000	ng/ul	0.01
88) Perylene-d12	24.469	264	704275	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	13913	5.827	ng/uL	0.00
4) Pyridine-d5	3.675	84	230069	30.543	ng/ul	0.01
7) Phenol-d5	6.989	99	250787	29.100	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	159072	26.724	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	168021	30.114	ng/ul	0.00
15) 4-Methylphenol-d8	8.523	113	190079	28.408	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	81375	30.325	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	93184	30.979	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	185915	31.924	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	198609	26.859	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	536341	29.476	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	632113	30.475	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	76493	29.670	ng/ul	0.00
60) Fluorene-d10	15.438	176	475206	29.538	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	82383	25.799	ng/ul	0.00
73) Anthracene-d10	17.295	188	824956	31.198	ng/ul	0.00
81) Pyrene-d10	19.592	212	993949	27.786	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.263	264	1012804	30.623	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	31661	11.204	ng/uL	98
5) Pyridine	3.693	79	242695	30.080	ng/ul	96
6) Benzaldehyde	6.942	77	40576	7.676	ng/ul	90
8) Phenol	7.013	94	271672	29.578	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.224	93	191756	27.287	ng/ul	96
12) 2-Chlorophenol	7.371	128	177061	31.351	ng/ul	99
13) 2-Methylphenol	8.252	108	192894	29.057	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.311	45	292623	28.049	ng/ul	97
16) Acetophenone	8.617	105	298753	26.324	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.599	70	168969	24.952	ng/ul	94
18) 4-Methylphenol	8.581	108	208458	28.692	ng/ul	96
19) Hexachloroethane	8.869	117	74272	26.764	ng/ul	90
22) Nitrobenzene	8.999	77	258828	28.884	ng/ul	97
23) Isophorone	9.516	82	475213	28.068	ng/ul	98
25) 2-Nitrophenol	9.704	139	100550	32.526	ng/ul	95
26) 2,4-Dimethylphenol	9.774	107	209079	29.806	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.997	93	269876	29.470	ng/ul	95
29) 2,4-Dichlorophenol	10.250	162	189296	32.712	ng/ul	98
30) Naphthalene	10.638	128	551933	29.374	ng/ul	100
32) 4-Chloroaniline	10.750	127	117529	16.705	ng/ul	98
33) Hexachlorobutadiene	10.920	225	128315	27.294	ng/ul	100
34) Caprolactam	11.502	113	60995m	30.493	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	198933	29.282	ng/ul	98
36) 2-Methylnaphthalene	12.254	142	386187	28.597	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	392989	28.569	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.630	216	241628	28.226	ng/ul	99
40) Hexachlorocyclopentadiene	12.600	237	43857	12.960	ng/ul#	88
41) 2,4,6-Trichlorophenol	12.876	196	151058	31.222	ng/ul	96
42) 2,4,5-Trichlorophenol	12.959	196	161232	31.931	ng/ul	98
43) 1,1'-Biphenyl	13.270	154	532859	30.216	ng/ul	96
44) 2-Chloronaphthalene	13.311	162	420080	29.664	ng/ul	96
45) 2-Nitroaniline	13.523	65	152723	32.197	ng/ul	87
47) Dimethylphthalate	13.893	163	541904	29.716	ng/ul	97
48) 2,6-Dinitrotoluene	14.022	165	111865	33.030	ng/ul#	90
50) Acenaphthylene	14.163	152	669602	30.107	ng/ul	100
51) 3-Nitroaniline	14.357	138	105712	33.760	ng/ul	84
52) Acenaphthene	14.504	153	467712	29.670	ng/ul	95
53) 2,4-Dinitrophenol	14.580	184	33983	19.634	ng/ul	96
55) 4-Nitrophenol	14.692	109	69416	25.930	ng/ul	90
56) Dibenzofuran	14.845	168	682835	30.724	ng/ul	93
57) 2,4-Dinitrotoluene	14.821	165	161056	32.003	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.080	232	130474	29.976	ng/ul#	94
59) Diethylphthalate	15.268	149	532113	30.184	ng/ul	100
61) Fluorene	15.497	166	538148	30.325	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.485	204	280936	28.416	ng/ul	94
63) 4-Nitroaniline	15.520	138	117986	37.637	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.591	198	89412	27.179	ng/ul	92
67) N-Nitrosodiphenylamine	15.703	169	466460	31.320	ng/ul	97
68) 4-Bromophenyl-phenylether	16.384	248	186786	29.800	ng/ul	97
69) Hexachlorobenzene	16.507	284	208933	29.752	ng/ul	99
70) Atrazine	16.654	200	190127	30.200	ng/ul	95
71) Pentachlorophenol	16.860	266	82157	27.747	ng/ul	91
72) Phenanthrene	17.236	178	938117	31.652	ng/ul	99
74) Anthracene	17.330	178	948598	31.622	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	237133	28.898	ng/ul	95
76) Pentachlorobenzene	14.768	250	236813	29.131	ng/ul	97
77) Carbazole	17.600	167	849490	34.984	ng/ul	97
78) Di-n-butylphthalate	18.158	149	976730	33.307	ng/ul	99
80) Fluoranthene	19.257	202	1177482	28.961	ng/ul	97
82) Pyrene	19.627	202	1241028	28.690	ng/ul	96
83) Butylbenzylphthalate	20.520	149	453734	34.170	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.349	252	376897	30.372	ng/ul#	95
85) Benzo(a)anthracene	21.431	228	1242361	28.838	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.343	149	679000	35.152	ng/ul	96
87) Chrysene	21.496	228	1216405	29.625	ng/ul	99
89) Di-n-octyl phthalate	22.477	149	1160736	38.185	ng/ul	100
90) Benzo(b)fluoranthene	23.517	252	1234475	30.840	ng/ul	99
91) Benzo(k)fluoranthene	23.582	252	1234358	30.915	ng/ul	100
93) Benzo(a)pyrene	24.328	252	1147397	30.539	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.877	276	1429177	31.148	ng/ul	96
95) Dibenzo(a,h)anthracene	27.929	278	1135153	30.919	ng/ul	96
96) Benzo(g,h,i)perylene	28.946	276	1100795	30.234	ng/ul	98

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

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