

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
 Data File : BG063761.D
 Acq On : 19 Dec 2024 20:53
 Operator : RC/JU
 Sample : PB165762BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS762

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 21:48:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	116098	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.585	136	469641	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.439	164	359808	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.189	188	971597	20.000	ng/u1	-0.02
79) Chrysene-d12	21.437	240	1086331	20.000	ng/u1	-0.02
88) Perylene-d12	24.451	264	1134169	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	13937	4.704	ng/uL	-0.02
4) Pyridine-d5	3.669	84	216452	23.160	ng/u1	-0.02
7) Phenol-d5	6.989	99	278905	26.084	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	169363	22.933	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.341	132	184908	26.712	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	208969	25.172	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	85584m	25.523	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.674	143	97696	25.991	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.226	165	203972	28.028	ng/u1	0.00
31) 4-Chloroaniline-d4	10.732	131	225287	24.381	ng/u1	-0.01
46) Dimethylphthalate-d6	13.846	166	635881	25.972	ng/u1	-0.01
49) Acenaphthylene-d8	14.133	160	729296	26.131	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.674	143	107507	30.991	ng/u1	0.00
60) Fluorene-d10	15.438	176	604071	27.906	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.573	200	130118	25.794	ng/u1	0.00
73) Anthracene-d10	17.289	188	1129264	27.034	ng/u1	-0.02
81) Pyrene-d10	19.592	212	1413662	25.007	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.245	264	1406382	26.405	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	30523	8.706	ng/uL#	89
5) Pyridine	3.693	79	233497	23.326	ng/u1	91
6) Benzaldehyde	6.942	77	27280	4.159	ng/u1	93
8) Phenol	7.018	94	305730	26.829	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.224	93	207011	23.743	ng/u1	95
12) 2-Chlorophenol	7.371	128	195025	27.832	ng/u1	98
13) 2-Methylphenol	8.258	108	212639	25.817	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.317	45	306631	23.690	ng/u1	99
16) Acetophenone	8.616	105	338773	24.059	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.605	70	189384	22.541	ng/u1#	92
18) 4-Methylphenol	8.581	108	241472	26.788	ng/u1	96
19) Hexachloroethane	8.875	117	79073	22.966	ng/u1	94
22) Nitrobenzene	8.998	77	277103	24.746	ng/u1	94
23) Isophorone	9.515	82	518166	24.491	ng/u1	96
25) 2-Nitrophenol	9.709	139	109860	28.439	ng/u1	89
26) 2,4-Dimethylphenol	9.774	107	242978	27.719	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.997	93	289383	25.288	ng/u1	96
29) 2,4-Dichlorophenol	10.250	162	213256	29.491	ng/u1	93
30) Naphthalene	10.638	128	602729	25.669	ng/u1	99
32) 4-Chloroaniline	10.755	127	150777	17.150	ng/u1	95
33) Hexachlorobutadiene	10.925	225	136246	23.192	ng/u1	97
34) Caprolactam	11.501	113	76443m	30.581	ng/u1	
35) 4-Chloro-3-methylphenol	11.895	107	241561	28.454	ng/u1	94
36) 2-Methylnaphthalene	12.253	142	427679	25.343	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.477	142	439999	25.597	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.629	216	273368	23.733	ng/ul	95
40) Hexachlorocyclopentadiene	12.600	237	62240	13.669	ng/ul	95
41) 2,4,6-Trichlorophenol	12.876	196	183895	28.248	ng/ul	95
42) 2,4,5-Trichlorophenol	12.952	196	198224	29.176	ng/ul	94
43) 1,1'-Biphenyl	13.270	154	614233	25.886	ng/ul	95
44) 2-Chloronaphthalene	13.311	162	491488	25.794	ng/ul	97
45) 2-Nitroaniline	13.522	65	179922	28.190	ng/ul	88
47) Dimethylphthalate	13.893	163	655623	26.719	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	131753	28.912	ng/ul#	89
50) Acenaphthylene	14.163	152	806501	26.950	ng/ul	97
51) 3-Nitroaniline	14.351	138	134424	31.905	ng/ul	92
52) Acenaphthene	14.504	153	563252	26.555	ng/ul	97
53) 2,4-Dinitrophenol	14.574	184	62561	26.863	ng/ul	92
55) 4-Nitrophenol	14.686	109	96742	26.857	ng/ul	91
56) Dibenzofuran	14.839	168	853581	28.544	ng/ul	98
57) 2,4-Dinitrotoluene	14.815	165	209043	30.871	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.079	232	183992	31.416	ng/ul	94
59) Diethylphthalate	15.262	149	678005	28.582	ng/ul	99
61) Fluorene	15.491	166	693267	29.033	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.485	204	363890	27.354	ng/ul	96
63) 4-Nitroaniline	15.520	138	169280	40.132	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.585	198	135325	26.039	ng/ul	92
67) N-Nitrosodiphenylamine	15.702	169	615969	26.181	ng/ul	97
68) 4-Bromophenyl-phenylether	16.378	248	250153	25.263	ng/ul	99
69) Hexachlorobenzene	16.501	284	289217	26.070	ng/ul	97
70) Atrazine	16.654	200	270147	27.163	ng/ul	97
71) Pentachlorophenol	16.854	266	128811	27.538	ng/ul	96
72) Phenanthrene	17.236	178	1301686	27.801	ng/ul	98
74) Anthracene	17.324	178	1338979	28.255	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.235	216	269184	20.765	ng/ul	98
76) Pentachlorobenzene	14.768	250	291793	22.721	ng/ul	99
77) Carbazole	17.600	167	1202804	31.356	ng/ul	98
78) Di-n-butylphthalate	18.158	149	1399104	30.201	ng/ul#	97
80) Fluoranthene	19.257	202	1697911	26.426	ng/ul	98
82) Pyrene	19.615	202	1823667	26.678	ng/ul	95
83) Butylbenzylphthalate	20.508	149	615615	29.337	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.343	252	525597	26.802	ng/ul	93
85) Benzo(a)anthracene	21.419	228	1750581	25.713	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.331	149	927686	30.391	ng/ul	98
87) Chrysene	21.484	228	1674715	25.809	ng/ul	96
89) Di-n-octyl phthalate	22.465	149	1575929	32.193	ng/ul	100
90) Benzo(b)fluoranthene	23.499	252	1711874	26.557	ng/ul	99
91) Benzo(k)fluoranthene	23.558	252	1757452	27.332	ng/ul	99
93) Benzo(a)pyrene	24.310	252	1618451	26.749	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.847	276	2043147	27.651	ng/ul	98
95) Dibenzo(a,h)anthracene	27.894	278	1637636	27.698	ng/ul	99
96) Benzo(g,h,i)perylene	28.904	276	1603844m	27.353	ng/ul	

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

