

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063247.D
 Acq On : 9 Nov 2024 2:52
 Operator : RC/JU
 Sample : PB164721BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS721

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 03:00:24 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	7.836	152	100199	20.000	ng/u1	0.00
20) Naphthalene-d8	10.627	136	461520	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	402969	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.225	188	1013018	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	1029961	20.000	ng/u1	0.00
88) Perylene-d12	24.510	264	1079022	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	12187	5.500	ng/uL	0.00
4) Pyridine-d5	3.705	84	187996	25.668	ng/u1	0.00
7) Phenol-d5	7.007	99	239302	26.467	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	132160	24.920	ng/u1	0.00
11) 2-Chlorophenol-d4	7.372	132	170204	29.003	ng/u1	0.00
15) 4-Methylphenol-d8	8.547	113	202130	26.376	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	81852	25.227	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	108229	25.809	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	230516	28.011	ng/u1	0.00
31) 4-Chloroaniline-d4	10.756	131	250054	23.328	ng/u1	0.00
46) Dimethylphthalate-d6	13.882	166	715429	22.665	ng/u1	0.00
49) Acenaphthylene-d8	14.164	160	804476	26.039	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	107591	24.895	ng/u1	0.00
60) Fluorene-d10	15.468	176	674552	25.321	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.591	200	153855	24.166	ng/u1	0.00
73) Anthracene-d10	17.325	188	1118217	25.684	ng/u1	0.00
81) Pyrene-d10	19.622	212	1418206	27.464	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.305	264	1377139	26.434	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	29285	10.735	ng/uL#	83
5) Pyridine	3.729	79	188818	25.267	ng/u1	97
6) Benzaldehyde	6.978	77	15250	3.052	ng/u1	89
8) Phenol	7.037	94	264475	26.842	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.260	93	166223	24.806	ng/u1	92
12) 2-Chlorophenol	7.401	128	173778	27.683	ng/u1	93
13) 2-Methylphenol	8.282	108	187239	26.016	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.353	45	215283	25.418	ng/u1	99
16) Acetophenone	8.653	105	290374	23.533	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.635	70	167415	23.260	ng/u1#	97
18) 4-Methylphenol	8.606	108	207496	25.354	ng/u1	96
19) Hexachloroethane	8.911	117	65236	25.645	ng/u1	96
22) Nitrobenzene	9.029	77	246412	24.630	ng/u1	95
23) Isophorone	9.551	82	483361	22.892	ng/u1	97
25) 2-Nitrophenol	9.739	139	110496	26.655	ng/u1	93
26) 2,4-Dimethylphenol	9.804	107	220604	24.397	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.033	93	251326	24.690	ng/u1#	90
29) 2,4-Dichlorophenol	10.280	162	217141	27.988	ng/u1	95
30) Naphthalene	10.674	128	606380	25.678	ng/u1	99
32) 4-Chloroaniline	10.785	127	128126	12.489	ng/u1	90
33) Hexachlorobutadiene	10.962	225	192509	25.926	ng/u1	98
34) Caprolactam	11.531	113	67590m	20.961	ng/u1	
35) 4-Chloro-3-methylphenol	11.919	107	239705	25.749	ng/u1	92
36) 2-Methylnaphthalene	12.289	142	476956	25.483	ng/u1	97

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37) 1-Methylnaphthalene	12.507	142	459561	23.612	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.660	216	384544	27.070	ng/ul	97
40) Hexachlorocyclopentadiene	12.636	237	144627	18.645	ng/ul	93
41) 2,4,6-Trichlorophenol	12.900	196	219437	28.618	ng/ul	93
42) 2,4,5-Trichlorophenol	12.977	196	234359m	28.185	ng/ul	
43) 1,1'-Biphenyl	13.300	154	675524	26.447	ng/ul	99
44) 2-Chloronaphthalene	13.347	162	527665	26.535	ng/ul	98
45) 2-Nitroaniline	13.547	65	169634	25.008	ng/ul	96
47) Dimethylphthalate	13.929	163	676279	22.345	ng/ul#	96
48) 2,6-Dinitrotoluene	14.046	165	145525	25.127	ng/ul#	97
50) Acenaphthylene	14.193	152	795790	25.858	ng/ul#	97
51) 3-Nitroaniline	14.375	138	133676	26.443	ng/ul	93
52) Acenaphthene	14.540	153	575908	26.146	ng/ul	96
53) 2,4-Dinitrophenol	14.593	184	87945	23.032	ng/ul#	83
55) 4-Nitrophenol	14.698	109	128212	22.826	ng/ul	95
56) Dibenzofuran	14.875	168	841360	24.952	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	215504	23.527	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	227452	26.413	ng/ul#	96
59) Diethylphthalate	15.298	149	694626	22.386	ng/ul	98
61) Fluorene	15.521	166	712693	24.974	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.521	204	450601	24.569	ng/ul	99
63) 4-Nitroaniline	15.544	138	145474	28.432	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.609	198	160020	24.219	ng/ul#	99
67) N-Nitrosodiphenylamine	15.732	169	598664	26.491	ng/ul	98
68) 4-Bromophenyl-phenylether	16.414	248	315617	27.253	ng/ul	98
69) Hexachlorobenzene	16.532	284	321325	26.045	ng/ul	97
70) Atrazine	16.684	200	283701	22.948	ng/ul	98
71) Pentachlorophenol	16.878	266	157585	25.478	ng/ul	92
72) Phenanthrene	17.266	178	1205168	26.038	ng/ul	99
74) Anthracene	17.360	178	1234831	26.043	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.271	216	386610	29.513	ng/ul	100
76) Pentachlorobenzene	14.798	250	378666	27.107	ng/ul	96
77) Carbazole	17.630	167	1015046	25.785	ng/ul	97
78) Di-n-butylphthalate	18.188	149	1136265	25.375	ng/ul	99
80) Fluoranthene	19.287	202	1554921	27.857	ng/ul	99
82) Pyrene	19.651	202	1602685	27.089	ng/ul#	97
83) Butylbenzylphthalate	20.544	149	496184	28.696	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.379	252	595254	26.877	ng/ul	96
85) Benzo(a)anthracene	21.461	228	1729226	26.543	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.373	149	710953	28.228	ng/ul	98
87) Chrysene	21.520	228	1625470	26.761	ng/ul	99
89) Di-n-octyl phthalate	22.519	149	1243311	29.240	ng/ul	100
90) Benzo(b)fluoranthene	23.553	252	1688501	26.008	ng/ul	98
91) Benzo(k)fluoranthene	23.617	252	1718857	26.581	ng/ul	99
93) Benzo(a)pyrene	24.369	252	1606063	26.745	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.930	276	1932278	26.232	ng/ul	96
95) Dibenzo(a,h)anthracene	27.977	278	1574512m	26.218	ng/ul	
96) Benzo(g,h,i)perylene	28.993	276	1479990m	26.500	ng/ul	

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

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