

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063415.D
 Acq On : 15 Nov 2024 6:41
 Operator : RC/JU
 Sample : PB164842BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS842

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 15 06:27:59 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	7.830	152	117512	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.620	136	494969	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.475	164	401435	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	1072723	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.478	240	1113177	20.000	ng/u1	# 0.00
88) Perylene-d12	24.516	264	1170373	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	15887	6.113	ng/uL	0.00
4) Pyridine-d5	3.705	84	252763	29.427	ng/u1	0.00
7) Phenol-d5	7.013	99	328141	30.946	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	186850	30.042	ng/u1	0.00
11) 2-Chlorophenol-d4	7.365	132	227897	33.112	ng/u1	-0.01
15) 4-Methylphenol-d8	8.546	113	267562	29.770	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	119061	34.215	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	148976	33.125	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	289032	32.748	ng/u1	0.00
31) 4-Chloroaniline-d4	10.761	131	308788	26.861	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	935752	29.759	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1030158	33.471	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	150918	35.054	ng/u1	0.01
60) Fluorene-d10	15.468	176	867620	32.693	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	213270	31.634	ng/u1	0.00
73) Anthracene-d10	17.324	188	1455056	31.560	ng/u1	0.00
81) Pyrene-d10	19.622	212	1943841	34.828	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.316	264	1874062	33.165	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	34702	10.847	ng/uL	89
5) Pyridine	3.723	79	248006	28.298	ng/u1	97
6) Benzaldehyde	6.972	77	124835	21.301	ng/u1	93
8) Phenol	7.036	94	347332	30.058	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.260	93	229315	29.179	ng/u1	90
12) 2-Chlorophenol	7.401	128	229125	31.122	ng/u1	96
13) 2-Methylphenol	8.282	108	239661	28.394	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.352	45	309463	31.155	ng/u1	93
16) Acetophenone	8.652	105	394383	27.253	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.634	70	225428	26.706	ng/u1	97
18) 4-Methylphenol	8.611	108	276349	28.792	ng/u1	97
19) Hexachloroethane	8.911	117	93031	31.183	ng/u1	91
22) Nitrobenzene	9.034	77	333739	31.105	ng/u1	99
23) Isophorone	9.551	82	627375	27.704	ng/u1	98
25) 2-Nitrophenol	9.739	139	143871	32.361	ng/u1	95
26) 2,4-Dimethylphenol	9.804	107	226410	23.347	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.033	93	326476	29.906	ng/u1	96
29) 2,4-Dichlorophenol	10.280	162	268009	32.210	ng/u1	96
30) Naphthalene	10.673	128	771333	30.456	ng/u1	98
32) 4-Chloroaniline	10.785	127	237229	21.561	ng/u1	94
33) Hexachlorobutadiene	10.961	225	222888	27.989	ng/u1	95
34) Caprolactam	11.549	113	93027m	26.900	ng/u1	
35) 4-Chloro-3-methylphenol	11.925	107	303534	30.402	ng/u1	96
36) 2-Methylnaphthalene	12.283	142	574650	28.628	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	591114	28.318	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.659	216	447184	31.600	ng/ul	97
40) Hexachlorocyclopentadiene	12.636	237	149573	19.357	ng/ul	97
41) 2,4,6-Trichlorophenol	12.900	196	249050	32.604	ng/ul	98
42) 2,4,5-Trichlorophenol	12.982	196	276842	33.422	ng/ul	90
43) 1,1'-Biphenyl	13.300	154	836691	32.882	ng/ul	99
44) 2-Chloronaphthalene	13.341	162	650267	32.825	ng/ul	100
45) 2-Nitroaniline	13.552	65	228765	33.854	ng/ul	98
47) Dimethylphthalate	13.928	163	880847	29.215	ng/ul	99
48) 2,6-Dinitrotoluene	14.052	165	194115	33.645	ng/ul	98
50) Acenaphthylene	14.193	152	1022675	33.357	ng/ul#	97
51) 3-Nitroaniline	14.381	138	173316	34.415	ng/ul	96
52) Acenaphthene	14.533	153	715832	32.622	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	111649	29.352	ng/ul	94
55) 4-Nitrophenol	14.710	109	170036	30.388	ng/ul	95
56) Dibenzofuran	14.874	168	1068733	31.817	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	290813	31.870	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.103	232	239855	27.960	ng/ul#	92
59) Diethylphthalate	15.297	149	896852	29.013	ng/ul	99
61) Fluorene	15.526	166	904699	31.823	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.515	204	542246	29.679	ng/ul	94
63) 4-Nitroaniline	15.550	138	200053	39.249	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.615	198	221721	31.690	ng/ul	96
67) N-Nitrosodiphenylamine	15.732	169	784743	32.792	ng/ul	98
68) 4-Bromophenyl-phenylether	16.414	248	381946	31.145	ng/ul	99
69) Hexachlorobenzene	16.537	284	407997	31.229	ng/ul	97
70) Atrazine	16.684	200	161493	12.336	ng/ul#	96
71) Pentachlorophenol	16.884	266	165329	25.243	ng/ul	97
72) Phenanthrene	17.265	178	1579610	32.229	ng/ul	100
74) Anthracene	17.360	178	1569651	31.262	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.270	216	448919	32.362	ng/ul	97
76) Pentachlorobenzene	14.798	250	446497	30.184	ng/ul	96
77) Carbazole	17.630	167	1387548	33.286	ng/ul	99
78) Di-n-butylphthalate	18.194	149	1601326	33.771	ng/ul	99
80) Fluoranthene	19.287	202	2082620	34.522	ng/ul#	97
82) Pyrene	19.651	202	2177355	34.051	ng/ul#	94
83) Butylbenzylphthalate	20.550	149	717670	38.403	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.384	252	778986	32.544	ng/ul	99
85) Benzo(a)anthracene	21.461	228	2310863	32.819	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.378	149	1013861	37.246	ng/ul	99
87) Chrysene	21.525	228	2114575	32.211	ng/ul	99
89) Di-n-octyl phthalate	22.524	149	1743229	37.797	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2367417	33.620	ng/ul	99
91) Benzo(k)fluoranthene	23.623	252	2256148	32.167	ng/ul	99
93) Benzo(a)pyrene	24.381	252	2038248	31.292	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.953	276	2566088	32.117	ng/ul	94
95) Dibenzo(a,h)anthracene	28.000	278	2141866	32.882	ng/ul#	97
96) Benzo(g,h,i)perylene	29.016	276	1988903	32.833	ng/ul#	96

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

