

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
 Data File : BG062349.D
 Acq On : 9 Aug 2024 5:55
 Operator : MA/JU
 Sample : PB162448BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS448

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 06:49:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	66290	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	317387	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	248356	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.313	188	532677	20.000	ng/u1	0.00
79) Chrysene-d12	21.554	240	529971	20.000	ng/u1	0.00
88) Perylene-d12	24.644	264	602463	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.420	96	8885	5.779	ng/uL	0.00
4) Pyridine-d5	3.825	84	129500	26.775	ng/u1	0.00
7) Phenol-d5	7.115	99	197807	31.263	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.285	67	115449	29.641	ng/u1	0.00
11) 2-Chlorophenol-d4	7.491	132	138265	30.500	ng/u1	0.00
15) 4-Methylphenol-d8	8.660	113	156450	29.686	ng/u1	0.00
21) Nitrobenzene-d5	9.112	128	71236	36.399	ng/u1	0.00
24) 2-Nitrophenol-d4	9.829	143	81868	44.469	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	168241	31.464	ng/u1	0.00
31) 4-Chloroaniline-d4	10.880	131	203042	26.180	ng/u1	0.00
46) Dimethylphthalate-d6	13.988	166	535420	27.942	ng/u1	0.00
49) Acenaphthylene-d8	14.270	160	608729	28.019	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	90931	33.896	ng/u1	0.00
60) Fluorene-d10	15.568	176	490610	28.525	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	83111	52.684	ng/u1	0.00
73) Anthracene-d10	17.413	188	723094	28.145	ng/u1	0.00
81) Pyrene-d10	19.692	212	898665	28.529	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.432	264	935800	29.057	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.455	88	17228	9.926	ng/uL#	86
5) Pyridine	3.843	79	139581	27.765	ng/u1	99
6) Benzaldehyde	7.097	77	99699m	29.816	ng/u1	
8) Phenol	7.144	94	204869	30.686	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.379	93	145345	29.376	ng/u1	96
12) 2-Chlorophenol	7.520	128	148286	30.788	ng/u1	92
13) 2-Methylphenol	8.389	108	150229	29.842	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.483	45	298824	29.560	ng/u1	99
16) Acetophenone	8.777	105	245371	29.236	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.765	70	131247	29.425	ng/u1	94
18) 4-Methylphenol	8.724	108	166686	29.568	ng/u1	93
19) Hexachloroethane	9.041	117	56145	31.368	ng/u1	99
22) Nitrobenzene	9.153	77	190212	34.177	ng/u1	98
23) Isophorone	9.676	82	383918	28.675	ng/u1	98
25) 2-Nitrophenol	9.864	139	90003	40.304	ng/u1	93
26) 2,4-Dimethylphenol	9.923	107	143602	22.466	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.158	93	216596	28.687	ng/u1	99
29) 2,4-Dichlorophenol	10.398	162	171468	31.640	ng/u1	98
30) Naphthalene	10.804	128	524867	29.093	ng/u1	100
32) 4-Chloroaniline	10.904	127	186087	24.549	ng/u1	100
33) Hexachlorobutadiene	11.092	225	114722	27.969	ng/u1	98
34) Caprolactam	11.661	113	54610m	28.808	ng/u1	
35) 4-Chloro-3-methylphenol	12.026	107	195503	32.148	ng/u1	98
36) 2-Methylnaphthalene	12.408	142	383064	30.820	ng/u1	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.625	142	387163	30.066	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.772	216	243627	30.046	ng/ul	98
40) Hexachlorocyclopentadiene	12.760	237	90817	28.820	ng/ul	96
41) 2,4,6-Trichlorophenol	13.007	196	134339	28.566	ng/ul	97
42) 2,4,5-Trichlorophenol	13.077	196	154340	30.460	ng/ul	97
43) 1,1'-Biphenyl	13.412	154	548781	29.165	ng/ul	99
44) 2-Chloronaphthalene	13.453	162	430851	29.468	ng/ul	99
45) 2-Nitroaniline	13.647	65	141394	37.969	ng/ul	98
47) Dimethylphthalate	14.035	163	543891	28.294	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	104969	39.994	ng/ul	94
50) Acenaphthylene	14.299	152	685057	29.593	ng/ul	99
51) 3-Nitroaniline	14.469	138	108128	36.189	ng/ul#	94
52) Acenaphthene	14.640	153	481874	27.959	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	53000	50.786	ng/ul#	83
55) 4-Nitrophenol	14.775	109	77624	32.349	ng/ul	95
56) Dibenzofuran	14.975	168	677667	28.462	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	156691	43.522	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.198	232	121591	26.649	ng/ul	99
59) Diethylphthalate	15.403	149	540806	27.861	ng/ul	98
61) Fluorene	15.621	166	524088	28.151	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.621	204	275293	28.681	ng/ul	97
63) 4-Nitroaniline	15.633	138	112631	39.115	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.697	198	91794	50.501	ng/ul	99
67) N-Nitrosodiphenylamine	15.826	169	468790	29.369	ng/ul	97
68) 4-Bromophenyl-phenylether	16.508	248	185809	30.616	ng/ul	98
69) Hexachlorobenzene	16.625	284	208445	29.524	ng/ul	97
70) Atrazine	16.772	200	17099	2.796	ng/ul	95
71) Pentachlorophenol	16.966	266	95693	25.741	ng/ul	98
72) Phenanthrene	17.360	178	868722	28.976	ng/ul	99
74) Anthracene	17.448	178	871038	28.307	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.377	216	249400	31.261	ng/ul	98
76) Pentachlorobenzene	14.898	250	242371	29.040	ng/ul	96
77) Carbazole	17.712	167	740852	29.358	ng/ul	99
78) Di-n-butylphthalate	18.288	149	909700	30.295	ng/ul	100
80) Fluoranthene	19.363	202	1031593	28.963	ng/ul	99
82) Pyrene	19.727	202	1091862	28.786	ng/ul	99
83) Butylbenzylphthalate	20.620	149	411087	31.402	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.454	252	387955	32.521	ng/ul	100
85) Benzo(a)anthracene	21.536	228	1147559	29.567	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.466	149	610215	30.203	ng/ul	97
87) Chrysene	21.601	228	1093398	29.842	ng/ul	99
89) Di-n-octyl phthalate	22.641	149	1061453	30.929	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	1106071	30.181	ng/ul	99
91) Benzo(k)fluoranthene	23.733	252	1125256	30.181	ng/ul	99
93) Benzo(a)pyrene	24.503	252	1005458	28.995	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.127	276	1351160	30.068	ng/ul	99
95) Dibenzo(a,h)anthracene	28.198	278	1122271	30.578	ng/ul	99
96) Benzo(g,h,i)perylene	29.220	276	1061903	31.119	ng/ul	98

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

