

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061329.D
 Acq On : 29 May 2024 15:15
 Operator : MA/JU
 Sample : PB161128BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS128

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 29 16:28:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	28123	20.000	ng/u1	0.00
20) Naphthalene-d8	10.678	136	118614	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.520	164	92992	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.264	188	213361	20.000	ng/u1	0.00
79) Chrysene-d12	21.518	240	213704	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	242147	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	2874	5.719	ng/uL	0.00
4) Pyridine-d5	3.745	84	44316	24.788	ng/u1	0.00
7) Phenol-d5	7.064	99	63878	27.659	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	39071	26.916	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	50452	29.518	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	54016	27.429	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	25380	27.791	ng/u1	0.00
24) 2-Nitrophenol-d4	9.761	143	31105	29.103	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	59982	28.787	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	69473	25.485	ng/u1	0.00
46) Dimethylphthalate-d6	13.927	166	186773	25.897	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	211808	28.248	ng/u1	0.00
54) 4-Nitrophenol-d4	14.750	143	24209	27.150	ng/u1	0.00
60) Fluorene-d10	15.513	176	167835	26.954	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.648	200	29756	23.059	ng/u1	0.00
73) Anthracene-d10	17.364	188	268345	28.528	ng/u1	0.00
81) Pyrene-d10	19.656	212	310887	28.333	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.397	264	339091	29.128	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	6206	10.289	ng/uL	90
5) Pyridine	3.768	79	44390	25.104	ng/u1	89
6) Benzaldehyde	7.023	77	37845	31.339	ng/u1	93
8) Phenol	7.094	94	62442	26.536	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.305	93	45250	26.290	ng/u1	88
12) 2-Chlorophenol	7.452	128	51318	28.410	ng/u1	97
13) 2-Methylphenol	8.334	108	47296	25.935	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.410	45	112385	24.177	ng/u1	98
16) Acetophenone	8.704	105	84862	25.250	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.686	70	43422	23.498	ng/u1	95
18) 4-Methylphenol	8.663	108	51832	25.653	ng/u1	97
19) Hexachloroethane	8.962	117	21609	26.887	ng/u1	96
22) Nitrobenzene	9.086	77	65618	26.197	ng/u1	99
23) Isophorone	9.603	82	119527	23.459	ng/u1	99
25) 2-Nitrophenol	9.796	139	31679	27.307	ng/u1	98
26) 2,4-Dimethylphenol	9.861	107	54809	23.844	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.084	93	64964	25.435	ng/u1	96
29) 2,4-Dichlorophenol	10.337	162	55482	28.909	ng/u1	97
30) Naphthalene	10.731	128	170962	27.307	ng/u1	99
32) 4-Chloroaniline	10.836	127	59992	22.145	ng/u1	100
33) Hexachlorobutadiene	11.013	225	53203	28.362	ng/u1	97
34) Caprolactam	11.594	113	16371m	22.297	ng/u1	
35) 4-Chloro-3-methylphenol	11.976	107	63024	25.404	ng/u1	89
36) 2-Methylnaphthalene	12.341	142	123368	27.172	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.558	142	122130	26.211	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.711	216	95181	31.002	ng/ul	99
40) Hexachlorocyclopentadiene	12.687	237	14609	10.542	ng/ul#	88
41) 2,4,6-Trichlorophenol	12.957	196	52116	30.136	ng/ul	95
42) 2,4,5-Trichlorophenol	13.034	196	53755	29.517	ng/ul	96
43) 1,1'-Biphenyl	13.351	154	172162	28.631	ng/ul	97
44) 2-Chloronaphthalene	13.392	162	134322	28.385	ng/ul	97
45) 2-Nitroaniline	13.598	65	51487	26.362	ng/ul	93
47) Dimethylphthalate	13.974	163	186623	24.826	ng/ul	99
48) 2,6-Dinitrotoluene	14.097	165	38330	26.002	ng/ul	97
50) Acenaphthylene	14.238	152	220185	26.482	ng/ul	99
51) 3-Nitroaniline	14.426	138	35213	27.525	ng/ul	90
52) Acenaphthene	14.585	153	147289	27.004	ng/ul	99
53) 2,4-Dinitrophenol	14.650	184	13489m	17.256	ng/ul	
55) 4-Nitrophenol	14.761	109	26411	25.193	ng/ul	96
56) Dibenzofuran	14.920	168	211065	27.065	ng/ul	99
57) 2,4-Dinitrotoluene	14.891	165	56809	25.330	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.155	232	45056	27.126	ng/ul#	96
59) Diethylphthalate	15.337	149	179624	24.198	ng/ul	98
61) Fluorene	15.566	166	177764	26.345	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.560	204	103250	26.091	ng/ul	98
63) 4-Nitroaniline	15.590	138	37817	28.382	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.666	198	31117	23.009	ng/ul	93
67) N-Nitrosodiphenylamine	15.778	169	157893	29.443	ng/ul	98
68) 4-Bromophenyl-phenylether	16.453	248	71441	28.259	ng/ul	96
69) Hexachlorobenzene	16.577	284	79537	28.305	ng/ul	99
70) Atrazine	16.730	200	58055	27.355	ng/ul	98
71) Pentachlorophenol	16.935	266	25503m	26.076	ng/ul	
72) Phenanthrene	17.311	178	288795	27.888	ng/ul	98
74) Anthracene	17.399	178	287821	26.881	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	91510	32.447	ng/uL	96
76) Pentachlorobenzene	14.844	250	94909	30.437	ng/uL	97
77) Carbazole	17.670	167	246018	28.249	ng/ul	99
78) Di-n-butylphthalate	18.234	149	296203	27.144	ng/ul	99
80) Fluoranthene	19.326	202	363030	27.579	ng/ul	98
82) Pyrene	19.685	202	379039	27.741	ng/ul	100
83) Butylbenzylphthalate	20.578	149	132962	28.327	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.418	252	136298	30.047	ng/ul	98
85) Benzo(a)anthracene	21.500	228	407004	27.602	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.412	149	189443	27.266	ng/ul	99
87) Chrysene	21.565	228	380322	28.011	ng/ul	99
89) Di-n-octyl phthalate	22.576	149	335142	27.665	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	404373	28.048	ng/ul	100
91) Benzo(k)fluoranthene	23.692	252	396822	27.113	ng/ul	96
93) Benzo(a)pyrene	24.462	252	343032	25.057	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.116	276	465313	28.106	ng/ul	97
95) Dibenzo(a,h)anthracene	28.169	278	382974	28.055	ng/ul	96
96) Benzo(g,h,i)perylene	29.197	276	348351	26.449	ng/ul	99

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

