

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051449.D
 Acq On : 10 Dec 2021 2:55
 Operator : CG/JU
 Sample : PB141217BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS217

Quant Time: Dec 10 05:08:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 03:21:41 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.183	152	24053	20.000	ng/u1	0.00
20) Naphthalene-d8	11.009	136	105619	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.816	164	69192	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.566	188	155095	20.000	ng/u1	0.00
79) Chrysene-d12	21.867	240	142307	20.000	ng/u1	0.00
88) Perylene-d12	25.263	264	138168	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	4605	6.287	ng/uL	0.00
4) Pyridine-d5	3.964	84	56568	26.895	ng/u1	0.00
7) Phenol-d5	7.360	99	76715	31.329	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	49462	31.499	ng/u1	0.00
11) 2-Chlorophenol-d4	7.719	132	56971	32.702	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	60065	31.225	ng/u1	0.00
21) Nitrobenzene-d5	9.364	128	29701	32.417	ng/u1	0.00
24) 2-Nitrophenol-d4	10.092	143	33128	31.953	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	57810	34.275	ng/u1	0.00
31) 4-Chloroaniline-d4	11.156	131	69448	28.152	ng/u1	0.00
46) Dimethylphthalate-d6	14.211	166	178892	33.413	ng/u1	0.00
49) Acenaphthylene-d8	14.516	160	226056	33.337	ng/u1	0.00
54) 4-Nitrophenol-d4	15.069	143	24534	30.436	ng/u1	0.00
60) Fluorene-d10	15.809	176	162890	34.177	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	31880	34.591	ng/u1	0.00
73) Anthracene-d10	17.666	188	248177	34.199	ng/u1	0.00
81) Pyrene-d10	19.945	212	299161	34.975	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.034	264	258478	36.270	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.565	88	9487	11.608	ng/uL#	94
5) Pyridine	3.988	79	60927	27.752	ng/u1	97
6) Benzaldehyde	7.325	77	55328	35.543	ng/u1	96
8) Phenol	7.390	94	78329	31.253	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.595	93	59313	30.897	ng/u1	97
12) 2-Chlorophenol	7.754	128	55983	31.371	ng/u1	99
13) 2-Methylphenol	8.641	108	56760	30.418	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.700	45	87675m	30.351	ng/u1	
16) Acetophenone	9.017	105	92566	31.076	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.988	70	54846	30.714	ng/u1	99
18) 4-Methylphenol	8.976	108	60725	30.978	ng/u1	99
19) Hexachloroethane	9.264	117	23838	30.894	ng/u1	99
22) Nitrobenzene	9.411	77	78870	31.641	ng/u1	97
23) Isophorone	9.928	82	148178	30.963	ng/u1	99
25) 2-Nitrophenol	10.122	139	33168	31.949	ng/u1	98
26) 2,4-Dimethylphenol	10.180	107	65128	29.624	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.398	93	81608	31.487	ng/u1	97
29) 2,4-Dichlorophenol	10.674	162	52478	31.735	ng/u1	98
30) Naphthalene	11.062	128	182131	31.401	ng/u1	99
32) 4-Chloroaniline	11.185	127	70134	28.262	ng/u1	97
33) Hexachlorobutadiene	11.320	225	35978	31.897	ng/u1	98
34) Caprolactam	11.961	113	20893m	30.491	ng/u1	
35) 4-Chloro-3-methylphenol	12.313	107	64988	31.639	ng/u1	99
36) 2-Methylnaphthalene	12.654	142	122348	31.632	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.871	142	126791	31.847	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.018	216	69294	32.163	ng/ul	97
40) Hexachlorocyclopentadiene	12.977	237	29741	26.069	ng/ul	95
41) 2,4,6-Trichlorophenol	13.271	196	46245	33.227	ng/ul	97
42) 2,4,5-Trichlorophenol	13.359	196	48331	32.437	ng/ul	99
43) 1,1'-Biphenyl	13.647	154	166843	32.253	ng/ul	98
44) 2-Chloronaphthalene	13.700	162	133035	32.778	ng/ul	99
45) 2-Nitroaniline	13.923	65	49944	32.556	ng/ul	93
47) Dimethylphthalate	14.258	163	174699	32.376	ng/ul	99
48) 2,6-Dinitrotoluene	14.399	165	36904	32.320	ng/ul	98
50) Acenaphthylene	14.546	152	215375	32.188	ng/ul	98
51) 3-Nitroaniline	14.746	138	36204m	32.925	ng/ul	
52) Acenaphthene	14.881	153	140732	32.056	ng/ul	95
53) 2,4-Dinitrophenol	14.975	184	16758m	28.379	ng/ul	
55) 4-Nitrophenol	15.081	109	26475m	33.015	ng/ul	
56) Dibenzofuran	15.216	168	202178	32.482	ng/ul	98
57) 2,4-Dinitrotoluene	15.198	165	53628	32.858	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.451	232	37841	33.519	ng/ul	97
59) Diethylphthalate	15.609	149	186268	31.985	ng/ul	99
61) Fluorene	15.862	166	160003	31.741	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.844	204	86720	32.770	ng/ul	96
63) 4-Nitroaniline	15.915	138	35148	36.010	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.962	198	30558	34.103	ng/ul	99
67) N-Nitrosodiphenylamine	16.068	169	144157	33.342	ng/ul	97
68) 4-Bromophenyl-phenylether	16.743	248	53479	34.150	ng/ul	95
69) Hexachlorobenzene	16.867	284	53589	33.572	ng/ul	97
70) Atrazine	17.008	200	59026	31.640	ng/ul	98
71) Pentachlorophenol	17.231	266	22009m	31.849	ng/ul	
72) Phenanthrene	17.613	178	282750	33.836	ng/ul	99
74) Anthracene	17.701	178	275093	32.886	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.623	216	72637	33.492	ng/uL	98
76) Pentachlorobenzene	15.133	250	64684	32.942	ng/uL	98
77) Carbazole	17.983	167	258101	34.662	ng/ul	100
78) Di-n-butylphthalate	18.494	149	333028	33.358	ng/ul	99
80) Fluoranthene	19.616	202	354485	33.659	ng/ul	97
82) Pyrene	19.981	202	344693	33.352	ng/ul	96
83) Butylbenzylphthalate	20.833	149	149937	33.264	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.755	252	92188	30.677	ng/ul	96
85) Benzo(a)anthracene	21.849	228	320338	34.077	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.702	149	212177	33.889	ng/ul	99
87) Chrysene	21.920	228	309392	34.517	ng/ul	99
89) Di-n-octyl phthalate	22.960	149	358736	35.304	ng/ul	100
90) Benzo(b)fluoranthene	24.176	252	311829	34.358	ng/ul	100
91) Benzo(k)fluoranthene	24.252	252	305688	36.164	ng/ul	98
93) Benzo(a)pyrene	25.110	252	299690	34.669	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.193	276	323395	33.710	ng/ul	98
95) Dibenzo(a,h)anthracene	29.235	278	268011	33.140	ng/ul	99
96) Benzo(g,h,i)perylene	30.415	276	267975	33.401	ng/ul	98

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

