

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051469.D
 Acq On : 11 Dec 2021 00:27
 Operator : CG/JU
 Sample : PB141311BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS311

Quant Time: Dec 11 04:26:27 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 12/13/2021
 Supervised By :Yogesh Patel 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.187	152	22834	20.000	ng/u1	0.00
20) Naphthalene-d8	11.007	136	102355	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.815	164	68461	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.565	188	156164	20.000	ng/u1	0.00
79) Chrysene-d12	21.865	240	140607	20.000	ng/u1	0.00
88) Perylene-d12	25.267	264	137657	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	4249	6.111	ng/uL	0.00
4) Pyridine-d5	3.969	84	52614	26.351	ng/u1	0.00
7) Phenol-d5	7.359	99	73452	31.598	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.500	67	48376	32.452	ng/u1	0.00
11) 2-Chlorophenol-d4	7.723	132	53732	32.490	ng/u1	0.00
15) 4-Methylphenol-d8	8.916	113	57609	31.547	ng/u1	0.00
21) Nitrobenzene-d5	9.368	128	28242	31.808	ng/u1	0.00
24) 2-Nitrophenol-d4	10.091	143	32003	31.853	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	53659	32.829	ng/u1	0.00
31) 4-Chloroaniline-d4	11.160	131	88743	37.120	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	175639	33.155	ng/u1	0.00
49) Acenaphthylene-d8	14.515	160	217102	32.359	ng/u1	0.00
54) 4-Nitrophenol-d4	15.073	143	21941	27.510	ng/u1	0.01
60) Fluorene-d10	15.808	176	156836	33.258	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	30665m	33.045	ng/u1	0.00
73) Anthracene-d10	17.664	188	240247	32.880	ng/u1	0.00
81) Pyrene-d10	19.944	212	292447	34.603	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.026	264	252421	35.551	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.569	88	8877	11.441	ng/uL	88
5) Pyridine	3.992	79	54128	25.971	ng/u1	96
6) Benzaldehyde	7.324	77	50207	33.975	ng/u1	98
8) Phenol	7.388	94	73782	31.010	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.594	93	55290	30.339	ng/u1	99
12) 2-Chlorophenol	7.752	128	52182	30.802	ng/u1	98
13) 2-Methylphenol	8.646	108	53890	30.422	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.704	45	82888	30.226	ng/u1	94
16) Acetophenone	9.022	105	85829	30.352	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.992	70	51710	30.503	ng/u1	99
18) 4-Methylphenol	8.980	108	57074	30.670	ng/u1	95
19) Hexachloroethane	9.262	117	22116	30.192	ng/u1	98
22) Nitrobenzene	9.409	77	75632	31.310	ng/u1	100
23) Isophorone	9.926	82	139728	30.129	ng/u1	99
25) 2-Nitrophenol	10.126	139	30925	30.738	ng/u1	99
26) 2,4-Dimethylphenol	10.179	107	62593	29.379	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.402	93	77587	30.891	ng/u1	98
29) 2,4-Dichlorophenol	10.678	162	50905	31.766	ng/u1	97
30) Naphthalene	11.060	128	172973	30.773	ng/u1	98
32) 4-Chloroaniline	11.184	127	67875	28.224	ng/u1	100
33) Hexachlorobutadiene	11.319	225	34058	31.158	ng/u1	99
34) Caprolactam	11.971	113	19407m	29.226	ng/u1	
35) 4-Chloro-3-methylphenol	12.312	107	60535	30.411	ng/u1	97
36) 2-Methylnaphthalene	12.653	142	115315	30.764	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.870	142	119628	31.006	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.017	216	66446	31.170	ng/ul	98
40) Hexachlorocyclopentadiene	12.976	237	30953	27.421	ng/ul	99
41) 2,4,6-Trichlorophenol	13.270	196	43217	31.383	ng/ul	96
42) 2,4,5-Trichlorophenol	13.364	196	45540	30.890	ng/ul	99
43) 1,1'-Biphenyl	13.646	154	158636	30.994	ng/ul	99
44) 2-Chloronaphthalene	13.698	162	125473	31.245	ng/ul	97
45) 2-Nitroaniline	13.922	65	47823	31.506	ng/ul	95
47) Dimethylphthalate	14.262	163	165166	30.936	ng/ul	98
48) 2,6-Dinitrotoluene	14.403	165	35896	31.773	ng/ul	97
50) Acenaphthylene	14.545	152	203424	30.727	ng/ul	98
51) 3-Nitroaniline	14.750	138	35303	32.449	ng/ul	95
52) Acenaphthene	14.879	153	132791	30.570	ng/ul	96
53) 2,4-Dinitrophenol	14.979	184	16537m	28.304	ng/ul	
55) 4-Nitrophenol	15.085	109	25629m	32.302	ng/ul	
56) Dibenzofuran	15.214	168	189788	30.817	ng/ul	94
57) 2,4-Dinitrotoluene	15.197	165	51464	31.869	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.449	232	37439	33.517	ng/ul	100
59) Diethylphthalate	15.608	149	178059	30.901	ng/ul	99
61) Fluorene	15.861	166	154680	31.013	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.843	204	81338	31.064	ng/ul	94
63) 4-Nitroaniline	15.914	138	32809	33.972	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.966	198	27966	30.997	ng/ul	99
67) N-Nitrosodiphenylamine	16.060	169	140994	32.387	ng/ul	97
68) 4-Bromophenyl-phenylether	16.742	248	50699	32.153	ng/ul	94
69) Hexachlorobenzene	16.865	284	52295	32.537	ng/ul	97
70) Atrazine	17.006	200	50574	26.924	ng/ul	98
71) Pentachlorophenol	17.230	266	21975m	31.582	ng/ul	
72) Phenanthrene	17.612	178	271101	32.220	ng/ul	99
74) Anthracene	17.706	178	265895	31.569	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.622	216	69512	31.832	ng/uL	96
76) Pentachlorobenzene	15.132	250	61676	31.195	ng/uL	99
77) Carbazole	17.982	167	247046	32.950	ng/ul	99
78) Di-n-butylphthalate	18.493	149	321523	31.986	ng/ul	99
80) Fluoranthene	19.615	202	346046	33.255	ng/ul	97
82) Pyrene	19.979	202	334846	32.791	ng/ul	97
83) Butylbenzylphthalate	20.831	149	141619	31.798	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.754	252	92653	31.204	ng/ul	98
85) Benzo(a)anthracene	21.848	228	308173	33.179	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.695	149	204333	33.031	ng/ul	100
87) Chrysene	21.912	228	296563	33.486	ng/ul	99
89) Di-n-octyl phthalate	22.952	149	342510	33.833	ng/ul	100
90) Benzo(b)fluoranthene	24.174	252	306581	33.905	ng/ul	99
91) Benzo(k)fluoranthene	24.245	252	286778	34.052	ng/ul	99
93) Benzo(a)pyrene	25.103	252	291173	33.809	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.186	276	293757	30.734	ng/ul	99
95) Dibenzo(a,h)anthracene	29.221	278	251210	31.178	ng/ul	98
96) Benzo(g,h,i)perylene	30.408	276	251925	31.517	ng/ul	99

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

