

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051316.D
 Acq On : 2 Dec 2021 23:53
 Operator : CG/JU
 Sample : PB141136BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS136

Quant Time: Dec 03 00:54:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
 Supervised By :mohammad ahmed 12/05/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	31719	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.019	136	142348	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.826	164	93494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.576	188	205688	20.000	ng/ul	0.00
79) Chrysene-d12	21.877	240	174630	20.000	ng/ul	0.00
88) Perylene-d12	25.279	264	175721	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	5510	6.037	ng/uL	-0.01
4) Pyridine-d5	3.963	84	80110	29.910	ng/ul	-0.02
7) Phenol-d5	7.353	99	105771	33.740	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	66643	33.848	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.723	132	75479	33.436	ng/ul	-0.01
15) 4-Methylphenol-d8	8.910	113	84040	33.220	ng/ul	0.00
21) Nitrobenzene-d5	9.368	128	39945	33.242	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.097	143	45692	33.709	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.643	165	76327	33.188	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.160	131	124946	37.130	ng/ul	0.00
46) Dimethylphthalate-d6	14.221	166	240125	33.379	ng/ul	0.00
49) Acenaphthylene-d8	14.527	160	305652	33.694	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	36103	31.005	ng/ul	0.00
60) Fluorene-d10	15.819	176	212118m	32.744	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	37181	29.294	ng/ul	0.00
73) Anthracene-d10	17.676	188	333515	33.903	ng/ul	0.00
81) Pyrene-d10	19.956	212	379921	35.955	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.044	264	320381	34.139	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.569	88	11156	10.837	ng/uL	98
5) Pyridine	3.980	79	83402	29.925	ng/ul	97
6) Benzaldehyde	7.329	77	78807	39.474	ng/ul	94
8) Phenol	7.382	94	105007	32.334	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.600	93	77535	31.558	ng/ul	100
12) 2-Chlorophenol	7.758	128	72750	31.625	ng/ul	98
13) 2-Methylphenol	8.640	108	76416	31.590	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.716	45	117217	33.061	ng/ul	99
16) Acetophenone	9.021	105	122303	31.256	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.998	70	72426	32.210	ng/ul	98
18) 4-Methylphenol	8.974	108	82995	32.086	ng/ul	100
19) Hexachloroethane	9.274	117	29817	30.687	ng/ul	98
22) Nitrobenzene	9.415	77	102274	32.460	ng/ul	97
23) Isophorone	9.932	82	195635	31.959	ng/ul	99
25) 2-Nitrophenol	10.132	139	43957	31.308	ng/ul	98
26) 2,4-Dimethylphenol	10.179	107	93336	32.515	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.408	93	110999	32.846	ng/ul	100
29) 2,4-Dichlorophenol	10.672	162	69993	30.917	ng/ul	96
30) Naphthalene	11.072	128	244124	31.518	ng/ul	98
32) 4-Chloroaniline	11.184	127	99692	29.510	ng/ul	98
33) Hexachlorobutadiene	11.336	225	43497	27.856	ng/ul	96
34) Caprolactam	11.947	113	28978m	32.559	ng/ul	
35) 4-Chloro-3-methylphenol	12.300	107	88911	32.694	ng/ul	94
36) 2-Methylnaphthalene	12.664	142	164589	31.241	ng/ul	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.882	142	169123	31.203	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.028	216	88656	30.205	ng/ul	98
40) Hexachlorocyclopentadiene	12.993	237	12364	10.422	ng/ul	98
41) 2,4,6-Trichlorophenol	13.269	196	57521	31.229	ng/ul	99
42) 2,4,5-Trichlorophenol	13.358	196	59595	30.897	ng/ul	96
43) 1,1'-Biphenyl	13.657	154	221245	31.683	ng/ul	99
44) 2-Chloronaphthalene	13.710	162	173381	31.213	ng/ul	98
45) 2-Nitroaniline	13.916	65	67649	35.188	ng/ul	94
47) Dimethylphthalate	14.268	163	228688	31.406	ng/ul	100
48) 2,6-Dinitrotoluene	14.403	165	49827	32.577	ng/ul	91
50) Acenaphthylene	14.556	152	287570	32.087	ng/ul	98
51) 3-Nitroaniline	14.738	138	55167	36.489	ng/ul	97
52) Acenaphthene	14.891	153	186892	31.620	ng/ul	93
53) 2,4-Dinitrophenol	14.967	184	14852m	17.567	ng/ul	
55) 4-Nitrophenol	15.061	109	28680	28.392	ng/ul	92
56) Dibenzofuran	15.226	168	264750	31.054	ng/ul	99
57) 2,4-Dinitrotoluene	15.197	165	71778	32.856	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.455	232	44316	29.258	ng/ul	97
59) Diethylphthalate	15.620	149	244486	31.987	ng/ul	99
61) Fluorene	15.872	166	213605	31.280	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.855	204	108513	29.486	ng/ul	99
63) 4-Nitroaniline	15.907	138	58395	39.690	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.966	198	33759	27.579	ng/ul#	97
67) N-Nitrosodiphenylamine	16.072	169	192369	32.669	ng/ul	99
68) 4-Bromophenyl-phenylether	16.748	248	67963	30.829	ng/ul	97
69) Hexachlorobenzene	16.877	284	68988	30.691	ng/ul	97
70) Atrazine	17.012	200	78022	31.527	ng/ul	99
71) Pentachlorophenol	17.229	266	16320m	16.385	ng/ul	
72) Phenanthrene	17.617	178	365870	32.216	ng/ul	99
74) Anthracene	17.711	178	367342	32.568	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.634	216	91715	30.570	ng/uL	97
76) Pentachlorobenzene	15.144	250	81712	29.230	ng/uL	100
77) Carbazole	17.987	167	340463	34.389	ng/ul	99
78) Di-n-butylphthalate	18.504	149	433385	33.949	ng/ul	99
80) Fluoranthene	19.621	202	444439	34.246	ng/ul	98
82) Pyrene	19.985	202	435452	34.301	ng/ul	99
83) Butylbenzylphthalate	20.843	149	190537	36.102	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.759	252	136380	33.543	ng/ul	96
85) Benzo(a)anthracene	21.859	228	395167	33.363	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.712	149	270653	35.637	ng/ul	98
87) Chrysene	21.930	228	376506	33.089	ng/ul	100
89) Di-n-octyl phthalate	22.976	149	464354	36.476	ng/ul	100
90) Benzo(b)fluoranthene	24.192	252	391972	33.053	ng/ul	99
91) Benzo(k)fluoranthene	24.262	252	358809	32.243	ng/ul	99
93) Benzo(a)pyrene	25.120	252	371434	32.831	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.204	276	411843	32.531	ng/ul	97
95) Dibenzo(a,h)anthracene	29.251	278	345192	32.139	ng/ul	98
96) Benzo(g,h,i)perylene	30.438	276	341646m	32.074	ng/ul	

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

