

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG053004.D
 Acq On : 1 Apr 2022 19:30
 Operator : CG/JU
 Sample : PB143815BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS815

Quant Time: Apr 02 00:38:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 31 00:50:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2022
 Supervised By :Yogesh Patel 04/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	27954	20.000	ng/u1	0.00
20) Naphthalene-d8	10.948	136	116834	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.755	164	88550	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	214677	20.000	ng/u1	0.00
79) Chrysene-d12	21.781	240	215609	20.000	ng/u1	0.00
88) Perylene-d12	25.082	264	230195	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	4943m	6.246	ng/uL	0.00
4) Pyridine-d5	3.963	84	63661	32.222	ng/u1	0.00
7) Phenol-d5	7.282	99	85849	34.289	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	55764	36.467	ng/u1	0.00
11) 2-Chlorophenol-d4	7.664	132	59655	35.090	ng/u1	0.00
15) 4-Methylphenol-d8	8.827	113	65253	35.979	ng/u1	0.00
21) Nitrobenzene-d5	9.292	128	30688	36.489	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	35796	40.353	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.555	165	68936	35.722	ng/u1	0.00
31) 4-Chloroaniline-d4	11.066	131	80089	31.401	ng/u1	0.00
46) Dimethylphthalate-d6	14.150	166	241639	35.521	ng/u1	0.00
49) Acenaphthylene-d8	14.449	160	273913	33.136	ng/u1	0.00
54) 4-Nitrophenol-d4	14.925	143	41859	36.598	ng/u1	0.00
60) Fluorene-d10	15.742	176	210054	35.166	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	44411	40.651	ng/u1	0.00
73) Anthracene-d10	17.592	188	346733	34.685	ng/u1	0.00
81) Pyrene-d10	19.877	212	428533	35.529	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.853	264	432001	36.320	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	11005m	11.350	ng/uL	
5) Pyridine	3.987	79	67336	31.542	ng/u1	90
6) Benzaldehyde	7.265	77	66737m	40.095	ng/u1	
8) Phenol	7.306	94	84742	35.118	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.547	93	61285	33.666	ng/u1	97
12) 2-Chlorophenol	7.694	128	59125	34.040	ng/u1	92
13) 2-Methylphenol	8.563	108	64602	34.447	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	107215	36.234	ng/u1#	96
16) Acetophenone	8.951	105	99895	35.306	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.933	70	58939	35.732	ng/u1#	96
18) 4-Methylphenol	8.892	108	70427	36.044	ng/u1	99
19) Hexachloroethane	9.227	117	27134	35.208	ng/u1	99
22) Nitrobenzene	9.333	77	90620	36.876	ng/u1	98
23) Isophorone	9.861	82	165395	35.212	ng/u1	96
25) 2-Nitrophenol	10.049	139	35064	38.119	ng/u1#	83
26) 2,4-Dimethylphenol	10.102	107	82482	36.187	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.337	93	87479	33.490	ng/u1	97
29) 2,4-Dichlorophenol	10.584	162	64919	34.600	ng/u1	97
30) Naphthalene	10.995	128	204564	33.834	ng/u1	98
32) 4-Chloroaniline	11.095	127	76216	30.410	ng/u1	98
33) Hexachlorobutadiene	11.283	225	55580	36.271	ng/u1	92
34) Caprolactam	11.841	113	22731m	40.225	ng/u1	
35) 4-Chloro-3-methylphenol	12.205	107	78680	38.657	ng/u1	93
36) 2-Methylnaphthalene	12.593	142	147743	34.625	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	151154	34.992	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.957	216	98103	33.518	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	67182	33.156	ng/ul	97
41) 2,4,6-Trichlorophenol	13.192	196	63680	35.605	ng/ul	99
42) 2,4,5-Trichlorophenol	13.257	196	66940	34.659	ng/ul	94
43) 1,1'-Biphenyl	13.592	154	210990	33.344	ng/ul	97
44) 2-Chloronaphthalene	13.633	162	164753	32.516	ng/ul	97
45) 2-Nitroaniline	13.827	65	62717	42.226	ng/ul	92
47) Dimethylphthalate	14.197	163	220240	33.925	ng/ul	97
48) 2,6-Dinitrotoluene	14.314	165	45214	38.447	ng/ul	91
50) Acenaphthylene	14.479	152	264878	33.178	ng/ul	99
51) 3-Nitroaniline	14.643	138	45864	38.638	ng/ul	94
52) Acenaphthene	14.819	153	178075	34.143	ng/ul	96
53) 2,4-Dinitrophenol	14.843	184	27715	37.935	ng/ul#	75
55) 4-Nitrophenol	14.943	109	48553	40.336	ng/ul	96
56) Dibenzofuran	15.148	168	266578	34.477	ng/ul	98
57) 2,4-Dinitrotoluene	15.101	165	68630	41.131	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.372	232	65606	37.684	ng/ul#	97
59) Diethylphthalate	15.560	149	235068	35.753	ng/ul	98
61) Fluorene	15.800	166	220862	34.461	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.783	204	120805	35.422	ng/ul	98
63) 4-Nitroaniline	15.806	138	49852	42.706	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.865	198	43124	40.343	ng/ul	93
67) N-Nitrosodiphenylamine	15.994	169	199063	34.295	ng/ul	97
68) 4-Bromophenyl-phenylether	16.682	248	87052	40.954	ng/ul	94
69) Hexachlorobenzene	16.805	284	98535	35.886	ng/ul#	90
70) Atrazine	16.940	200	87433	36.755	ng/ul	97
71) Pentachlorophenol	17.146	266	57439m	34.401	ng/ul	
72) Phenanthrene	17.539	178	393781	34.950	ng/ul	98
74) Anthracene	17.627	178	386724	34.332	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.556	216	107628	33.662	ng/ul	97
76) Pentachlorobenzene	15.072	250	104486	34.062	ng/ul	99
77) Carbazole	17.892	167	348285	34.986	ng/ul	97
78) Di-n-butylphthalate	18.450	149	416158	35.154	ng/ul	99
80) Fluoranthene	19.542	202	509940	35.876	ng/ul	97
82) Pyrene	19.907	202	497628	35.223	ng/ul#	94
83) Butylbenzylphthalate	20.782	149	178467	36.333	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.669	252	169309	35.036	ng/ul	93
85) Benzo(a)anthracene	21.757	228	489582	35.182	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.657	149	253765	37.300	ng/ul	97
87) Chrysene	21.828	228	467403	35.214	ng/ul	99
89) Di-n-octyl phthalate	22.897	149	431822	36.015	ng/ul	100
90) Benzo(b)fluoranthene	24.030	252	521890	35.111	ng/ul#	98
91) Benzo(k)fluoranthene	24.101	252	488769	35.629	ng/ul#	97
93) Benzo(a)pyrene	24.929	252	487513	34.739	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.859	276	575958	36.290	ng/ul	97
95) Dibenzo(a,h)anthracene	28.930	278	479581	35.552	ng/ul	98
96) Benzo(g,h,i)perylene	30.052	276	482683	35.977	ng/ul#	97

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

