

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
 Data File : BG056804.D
 Acq On : 3 Mar 2023 00:19
 Operator : CG/JU
 Sample : PB151151BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS151

Quant Time: Mar 03 01:04:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/03/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.418	152	15458	20.000	ng/u1	0.00
20) Naphthalene-d8	11.256	136	66827	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.022	164	54225	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.754	188	129856	20.000	ng/u1	0.00
79) Chrysene-d12	22.061	240	120004	20.000	ng/u1	0.00
88) Perylene-d12	25.586	264	131374	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.700	96	1972	7.077	ng/uL	0.00
4) Pyridine-d5	4.134	84	36483	32.435	ng/u1	0.00
7) Phenol-d5	7.542	99	49347	31.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	30492	32.316	ng/u1	0.00
11) 2-Chlorophenol-d4	7.942	132	32913	32.040	ng/u1	0.00
15) 4-Methylphenol-d8	9.111	113	37093	31.383	ng/u1	0.00
21) Nitrobenzene-d5	9.593	128	18077	32.278	ng/u1	0.00
24) 2-Nitrophenol-d4	10.321	143	21903	32.856	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.862	165	42743	34.034	ng/u1	0.00
31) 4-Chloroaniline-d4	11.379	131	46448	28.356	ng/u1	0.00
46) Dimethylphthalate-d6	14.411	166	136200	31.131	ng/u1	0.00
49) Acenaphthylene-d8	14.722	160	155166	31.205	ng/u1	0.00
54) 4-Nitrophenol-d4	15.180	143	21760	28.848	ng/u1	0.00
60) Fluorene-d10	16.003	176	129659	32.038	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	28230	32.494	ng/u1	0.00
73) Anthracene-d10	17.854	188	197847	31.405	ng/u1	0.00
81) Pyrene-d10	20.110	212	238695	29.394	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.345	264	227611	32.098	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.741	88	5094m	14.826	ng/uL	
5) Pyridine	4.158	79	39141	32.859	ng/u1	90
6) Benzaldehyde	7.542	77	30277	37.360	ng/u1	97
8) Phenol	7.572	94	50581	32.057	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.812	93	36331	32.407	ng/u1	97
12) 2-Chlorophenol	7.977	128	33000	32.439	ng/u1	96
13) 2-Methylphenol	8.847	108	37463	31.478	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.935	45	48006	31.867	ng/u1	98
16) Acetophenone	9.246	105	63830	31.536	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.223	70	35799	30.826	ng/u1	98
18) 4-Methylphenol	9.176	108	41258	31.904	ng/u1	89
19) Hexachloroethane	9.522	117	14441	33.382	ng/u1	98
22) Nitrobenzene	9.634	77	56110	34.551	ng/u1	96
23) Isophorone	10.157	82	100828	31.757	ng/u1#	97
25) 2-Nitrophenol	10.357	139	21015	31.935	ng/u1#	85
26) 2,4-Dimethylphenol	10.392	107	46238	31.463	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.633	93	52359	32.626	ng/u1	99
29) 2,4-Dichlorophenol	10.885	162	40902	33.632	ng/u1	96
30) Naphthalene	11.308	128	117786	32.021	ng/u1	97
32) 4-Chloroaniline	11.402	127	43105	26.565	ng/u1	95
33) Hexachlorobutadiene	11.585	225	32881	33.924	ng/u1	90
34) Caprolactam	12.149	113	13570m	32.822	ng/u1	
35) 4-Chloro-3-methylphenol	12.483	107	44811	32.073	ng/u1	94
36) 2-Methylnaphthalene	12.877	142	84754	32.172	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.095	142	87893	33.839	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.236	216	64055	33.318	ng/ul	98
40) Hexachlorocyclopentadiene	13.212	237	38219	27.744	ng/ul	94
41) 2,4,6-Trichlorophenol	13.465	196	40551	31.567	ng/ul	95
42) 2,4,5-Trichlorophenol	13.535	196	44273	31.741	ng/ul	95
43) 1,1'-Biphenyl	13.858	154	125762	31.540	ng/ul	98
44) 2-Chloronaphthalene	13.911	162	105230	31.896	ng/ul	97
45) 2-Nitroaniline	14.099	65	37579	32.816	ng/ul	91
47) Dimethylphthalate	14.452	163	137776	30.967	ng/ul#	99
48) 2,6-Dinitrotoluene	14.581	165	29270	32.093	ng/ul	89
50) Acenaphthylene	14.751	152	157709	31.396	ng/ul	99
51) 3-Nitroaniline	14.910	138	25216	30.892	ng/ul	99
52) Acenaphthene	15.086	153	109604	31.762	ng/ul	100
53) 2,4-Dinitrophenol	15.110	184	17600	30.123	ng/ul	93
55) 4-Nitrophenol	15.198	109	26716	30.599	ng/ul	93
56) Dibenzofuran	15.415	168	165481	31.590	ng/ul	97
57) 2,4-Dinitrotoluene	15.362	165	40984	31.344	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.633	232	38864	29.941	ng/ul#	99
59) Diethylphthalate	15.803	149	137553	30.886	ng/ul	98
61) Fluorene	16.062	166	130215	31.044	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.038	204	80912	32.567	ng/ul	97
63) 4-Nitroaniline	16.068	138	25013	31.363	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.120	198	27063	32.357	ng/ul#	95
67) N-Nitrosodiphenylamine	16.250	169	115735	32.050	ng/ul	97
68) 4-Bromophenyl-phenylether	16.931	248	54890	33.355	ng/ul	98
69) Hexachlorobenzene	17.060	284	57509	32.528	ng/ul	98
70) Atrazine	17.178	200	34062	21.719	ng/ul	98
71) Pentachlorophenol	17.395	266	28885	28.773	ng/ul	97
72) Phenanthrene	17.795	178	223851	31.824	ng/ul	98
74) Anthracene	17.889	178	221080	31.101	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.835	216	65415	32.929	ng/uL	99
76) Pentachlorobenzene	15.333	250	65424	32.471	ng/uL	94
77) Carbazole	18.147	167	185738	31.229	ng/ul	97
78) Di-n-butylphthalate	18.676	149	217007	31.658	ng/ul	99
80) Fluoranthene	19.781	202	282726	28.795	ng/ul	98
82) Pyrene	20.139	202	280471	28.995	ng/ul	100
83) Butylbenzylphthalate	20.997	149	95044	30.973	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.937	252	100056	33.255	ng/ul	97
85) Benzo(a)anthracene	22.043	228	279378	31.987	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.902	149	138749	32.187	ng/ul	100
87) Chrysene	22.113	228	258682	31.800	ng/ul	99
89) Di-n-octyl phthalate	23.212	149	235067	32.912	ng/ul	100
90) Benzo(b)fluoranthene	24.458	252	287756m	32.719	ng/ul	
91) Benzo(k)fluoranthene	24.534	252	281788	32.895	ng/ul	98
93) Benzo(a)pyrene	25.421	252	248085	32.091	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.646	276	341240	32.494	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.722	278	279127	31.789	ng/ul	92
96) Benzo(g,h,i)perylene	30.927	276	272305	32.461	ng/ul	97

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

