

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052838.D
 Acq On : 25 Mar 2022 20:37
 Operator : CG/JU
 Sample : PB143573BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS573

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 28 04:46:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	27035	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	122890	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	96218	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.507	188	238225	20.000	ng/u1	0.00
79) Chrysene-d12	21.795	240	247652	20.000	ng/u1	0.00
88) Perylene-d12	25.114	264	261516	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.549	96	3875	5.063	ng/uL	0.00
4) Pyridine-d5	3.972	84	57625	30.158	ng/u1	0.00
7) Phenol-d5	7.285	99	91327	37.717	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.456	67	52689	35.628	ng/u1	0.00
11) 2-Chlorophenol-d4	7.673	132	58655	35.675	ng/u1	0.00
15) 4-Methylphenol-d8	8.842	113	70683	40.297	ng/u1	0.00
21) Nitrobenzene-d5	9.300	128	31964	36.133	ng/u1	0.00
24) 2-Nitrophenol-d4	10.029	143	39074	41.878	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	74552	36.728	ng/u1	0.00
31) 4-Chloroaniline-d4	11.080	131	95527	35.608	ng/u1	0.00
46) Dimethylphthalate-d6	14.158	166	271362	36.711	ng/u1	0.00
49) Acenaphthylene-d8	14.458	160	315517	35.127	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	48760	39.234	ng/u1	0.00
60) Fluorene-d10	15.750	176	229698	35.390	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.862	200	49492	40.824	ng/u1	0.00
73) Anthracene-d10	17.607	188	383972	34.613	ng/u1	0.00
81) Pyrene-d10	19.886	212	489689	35.346	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.885	264	489118	36.197	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.590	88	10057m	10.725	ng/uL	
5) Pyridine	3.990	79	65650	31.798	ng/u1	92
6) Benzaldehyde	7.274	77	59958m	37.247	ng/u1	
8) Phenol	7.315	94	88045	37.728	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.550	93	61460	34.910	ng/u1	99
12) 2-Chlorophenol	7.702	128	60540	36.039	ng/u1#	89
13) 2-Methylphenol	8.572	108	67304	37.108	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.666	45	102950	35.976	ng/u1	97
16) Acetophenone	8.960	105	105573	38.581	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.948	70	65706	41.189	ng/u1	97
18) 4-Methylphenol	8.907	108	76536	40.502	ng/u1	99
19) Hexachloroethane	9.236	117	24917	33.431	ng/u1	96
22) Nitrobenzene	9.341	77	93355	36.117	ng/u1	94
23) Isophorone	9.870	82	182416	36.922	ng/u1	98
25) 2-Nitrophenol	10.058	139	37940	39.212	ng/u1#	87
26) 2,4-Dimethylphenol	10.111	107	88677	36.988	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.346	93	95753	34.851	ng/u1	97
29) 2,4-Dichlorophenol	10.593	162	71693	36.327	ng/u1	99
30) Naphthalene	11.004	128	210714	33.133	ng/u1	99
32) 4-Chloroaniline	11.104	127	94370	35.798	ng/u1	97
33) Hexachlorobutadiene	11.298	225	52726	32.713	ng/u1	96
34) Caprolactam	11.856	113	27799m	46.769	ng/u1	
35) 4-Chloro-3-methylphenol	12.214	107	90613	42.326	ng/u1	91
36) 2-Methylnaphthalene	12.602	142	161006	35.874	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.819	142	162798	35.830	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.966	216	106155	33.379	ng/ul	98
40) Hexachlorocyclopentadiene	12.954	237	61652	28.002	ng/ul	100
41) 2,4,6-Trichlorophenol	13.195	196	73651	37.899	ng/ul	96
42) 2,4,5-Trichlorophenol	13.271	196	79718	37.985	ng/ul	99
43) 1,1'-Biphenyl	13.600	154	234890	34.162	ng/ul	98
44) 2-Chloronaphthalene	13.647	162	182302	33.112	ng/ul	97
45) 2-Nitroaniline	13.835	65	72927	45.188	ng/ul	97
47) Dimethylphthalate	14.205	163	258109	36.590	ng/ul	99
48) 2,6-Dinitrotoluene	14.323	165	53867	42.155	ng/ul	90
50) Acenaphthylene	14.487	152	302131	34.828	ng/ul	99
51) 3-Nitroaniline	14.652	138	56308	43.656	ng/ul#	99
52) Acenaphthene	14.828	153	203093	35.836	ng/ul	96
53) 2,4-Dinitrophenol	14.857	184	33925	42.735	ng/ul#	67
55) 4-Nitrophenol	14.951	109	55704	42.588	ng/ul	96
56) Dibenzofuran	15.157	168	303173	36.085	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	79112	43.634	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.380	232	79472	42.011	ng/ul#	94
59) Diethylphthalate	15.568	149	270874	37.915	ng/ul	99
61) Fluorene	15.809	166	251295	36.084	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.797	204	135726	36.626	ng/ul	97
63) 4-Nitroaniline	15.815	138	55906m	44.076	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.874	198	48940	41.259	ng/ul	98
67) N-Nitrosodiphenylamine	16.009	169	225347	34.986	ng/ul	97
68) 4-Bromophenyl-phenylether	16.690	248	98176	41.622	ng/ul	95
69) Hexachlorobenzene	16.814	284	109700	36.003	ng/ul#	92
70) Atrazine	16.949	200	92853	35.176	ng/ul	99
71) Pentachlorophenol	17.154	266	68912	37.192	ng/ul	89
72) Phenanthrene	17.548	178	443460	35.469	ng/ul	99
74) Anthracene	17.642	178	436702	34.936	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.571	216	116700	32.891	ng/ul	99
76) Pentachlorobenzene	15.081	250	123202	36.193	ng/ul	97
77) Carbazole	17.906	167	409878	37.103	ng/ul	99
78) Di-n-butylphthalate	18.458	149	471196	35.869	ng/ul	98
80) Fluoranthene	19.551	202	583350	35.731	ng/ul	99
82) Pyrene	19.915	202	566863	34.932	ng/ul	97
83) Butylbenzylphthalate	20.796	149	214955	38.099	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.683	252	194180	34.983	ng/ul	93
85) Benzo(a)anthracene	21.777	228	572090	35.792	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.678	149	296719	37.971	ng/ul	99
87) Chrysene	21.842	228	540034	35.422	ng/ul	98
89) Di-n-octyl phthalate	22.923	149	508272	37.315	ng/ul	100
90) Benzo(b)fluoranthene	24.057	252	606634	35.924	ng/ul	100
91) Benzo(k)fluoranthene	24.127	252	546695	35.079	ng/ul	98
93) Benzo(a)pyrene	24.956	252	570648	35.793	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.903	276	660243	36.618	ng/ul	99
95) Dibenzo(a,h)anthracene	28.974	278	563408	36.764	ng/ul	97
96) Benzo(g,h,i)perylene	30.090	276	557335	36.566	ng/ul	97

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

