

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052852.D
 Acq On : 26 Mar 2022 6:20
 Operator : CG/JU
 Sample : PB143563BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS563

Manual Integrations
 APPROVED

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

Quant Time: Mar 26 07:14:28 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	27449	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	127029	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.764	164	106497	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.507	188	265062	20.000	ng/u1	0.00
79) Chrysene-d12	21.795	240	262016	20.000	ng/u1	0.00
88) Perylene-d12	25.108	264	270789	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.549	96	4394	5.654	ng/uL	0.00
4) Pyridine-d5	3.966	84	66155	34.100	ng/u1	0.00
7) Phenol-d5	7.286	99	100023	40.685	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.456	67	60907	40.563	ng/u1	0.00
11) 2-Chlorophenol-d4	7.667	132	66840	40.040	ng/u1	0.00
15) 4-Methylphenol-d8	8.836	113	77628	43.589	ng/u1	0.00
21) Nitrobenzene-d5	9.300	128	35903	39.264	ng/u1	0.00
24) 2-Nitrophenol-d4	10.029	143	43140	44.729	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	84896	40.461	ng/u1	0.00
31) 4-Chloroaniline-d4	11.080	131	103464	37.310	ng/u1	0.00
46) Dimethylphthalate-d6	14.159	166	311722	38.101	ng/u1	0.00
49) Acenaphthylene-d8	14.458	160	353228	35.530	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	57224m	41.600	ng/u1	0.00
60) Fluorene-d10	15.751	176	264054	36.757	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.862	200	57528	42.648	ng/u1	0.00
73) Anthracene-d10	17.607	188	438776	35.549	ng/u1	0.00
81) Pyrene-d10	19.886	212	549182	37.467	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.885	264	529082	37.814	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.591	88	11824	12.419	ng/uL	94
5) Pyridine	3.984	79	74819	35.692	ng/u1	89
6) Benzaldehyde	7.274	77	64774	39.632	ng/u1	92
8) Phenol	7.315	94	99157	41.848	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.550	93	71747	40.138	ng/u1	98
12) 2-Chlorophenol	7.703	128	67505	39.579	ng/u1	92
13) 2-Methylphenol	8.572	108	78146	42.435	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.666	45	115332	39.695	ng/u1	97
16) Acetophenone	8.960	105	119468	43.000	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.942	70	72507	44.767	ng/u1	96
18) 4-Methylphenol	8.901	108	83655	43.602	ng/u1	86
19) Hexachloroethane	9.236	117	27607	36.481	ng/u1	91
22) Nitrobenzene	9.342	77	105926	39.645	ng/u1	95
23) Isophorone	9.870	82	205113	40.163	ng/u1	96
25) 2-Nitrophenol	10.058	139	43213	43.207	ng/u1#	89
26) 2,4-Dimethylphenol	10.111	107	94463	38.117	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.346	93	108477	38.196	ng/u1	99
29) 2,4-Dichlorophenol	10.593	162	82239	40.313	ng/u1	97
30) Naphthalene	11.004	128	241202	36.692	ng/u1	98
32) 4-Chloroaniline	11.104	127	102555	37.636	ng/u1	98
33) Hexachlorobutadiene	11.298	225	58733	35.253	ng/u1	93
34) Caprolactam	11.862	113	30724m	50.006	ng/u1	
35) 4-Chloro-3-methylphenol	12.214	107	101728	45.970	ng/u1	93
36) 2-Methylnaphthalene	12.602	142	181099	39.037	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.819	142	184168	39.213	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.966	216	119231	33.872	ng/ul	95
40) Hexachlorocyclopentadiene	12.948	237	72743	29.850	ng/ul	95
41) 2,4,6-Trichlorophenol	13.201	196	82494	38.352	ng/ul	99
42) 2,4,5-Trichlorophenol	13.272	196	90818	39.097	ng/ul	98
43) 1,1'-Biphenyl	13.601	154	259336	34.077	ng/ul	98
44) 2-Chloronaphthalene	13.642	162	207147	33.993	ng/ul	98
45) 2-Nitroaniline	13.835	65	80014	44.793	ng/ul	93
47) Dimethylphthalate	14.206	163	292197	37.424	ng/ul	97
48) 2,6-Dinitrotoluene	14.323	165	63406	44.830	ng/ul	97
50) Acenaphthylene	14.488	152	338186	35.221	ng/ul	99
51) 3-Nitroaniline	14.652	138	59832	41.910	ng/ul	99
52) Acenaphthene	14.828	153	228301	36.396	ng/ul	99
53) 2,4-Dinitrophenol	14.852	184	38489	43.804	ng/ul#	70
55) 4-Nitrophenol	14.952	109	64278	44.400	ng/ul	94
56) Dibenzofuran	15.157	168	341843	36.760	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	90218	44.957	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.380	232	88344	42.193	ng/ul#	96
59) Diethylphthalate	15.568	149	315000	39.836	ng/ul	100
61) Fluorene	15.809	166	282089	36.596	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.798	204	153152	37.339	ng/ul	99
63) 4-Nitroaniline	15.815	138	61947	44.125	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.874	198	57797	43.792	ng/ul	94
67) N-Nitrosodiphenylamine	16.009	169	258310	36.043	ng/ul	97
68) 4-Bromophenyl-phenylether	16.690	248	113789	43.356	ng/ul	93
69) Hexachlorobenzene	16.814	284	126074	37.188	ng/ul	94
70) Atrazine	16.949	200	110630	37.667	ng/ul	97
71) Pentachlorophenol	17.155	266	78911	38.277	ng/ul	93
72) Phenanthrene	17.548	178	509264	36.608	ng/ul	98
74) Anthracene	17.642	178	498340	35.831	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.565	216	132927	33.672	ng/uL	99
76) Pentachlorobenzene	15.087	250	139581	36.853	ng/uL	98
77) Carbazole	17.901	167	462311	37.612	ng/ul	98
78) Di-n-butylphthalate	18.459	149	540199	36.958	ng/ul	99
80) Fluoranthene	19.551	202	666689	38.597	ng/ul	99
82) Pyrene	19.915	202	632149	36.820	ng/ul	96
83) Butylbenzylphthalate	20.791	149	235904	39.520	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.678	252	212710	36.221	ng/ul	96
85) Benzo(a)anthracene	21.772	228	628007	37.136	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.672	149	327354	39.594	ng/ul	99
87) Chrysene	21.842	228	595206	36.901	ng/ul	99
89) Di-n-octyl phthalate	22.917	149	554345	39.303	ng/ul	100
90) Benzo(b)fluoranthene	24.051	252	669486	38.288	ng/ul	99
91) Benzo(k)fluoranthene	24.127	252	590126	36.569	ng/ul	98
93) Benzo(a)pyrene	24.956	252	612348	37.093	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.897	276	718726	38.496	ng/ul	99
95) Dibenzo(a,h)anthracene	28.968	278	611479	38.535	ng/ul	99
96) Benzo(g,h,i)perylene	30.090	276	602267	38.161	ng/ul	97

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

