

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
 Data File : BG052897.D
 Acq On : 28 Mar 2022 18:40
 Operator : CG/JU
 Sample : PB143636BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS636

Manual Integrations
 APPROVED

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

Quant Time: Mar 29 01:04:04 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	8.134	152	26879	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.948	136	119664	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.760	164	95861	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.503	188	234665	20.000	ng/u1	0.00
79) Chrysene-d12	21.786	240	241921	20.000	ng/u1	# 0.00
88) Perylene-d12	25.093	264	252540	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	3823	5.024	ng/uL	0.00
4) Pyridine-d5	3.963	84	55551	29.242	ng/u1	-0.01
7) Phenol-d5	7.282	99	77363	32.135	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	47058	32.005	ng/u1	0.00
11) 2-Chlorophenol-d4	7.670	132	53468	32.709	ng/u1	0.00
15) 4-Methylphenol-d8	8.833	113	60467	34.673	ng/u1	0.00
21) Nitrobenzene-d5	9.297	128	29306	34.022	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	33254	36.601	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.566	165	64930	32.850	ng/u1	0.00
31) 4-Chloroaniline-d4	11.071	131	80133	30.675	ng/u1	0.00
46) Dimethylphthalate-d6	14.155	166	238474	32.382	ng/u1	0.00
49) Acenaphthylene-d8	14.455	160	265739	29.695	ng/u1	0.00
54) 4-Nitrophenol-d4	14.931	143	42254	34.125	ng/u1	0.00
60) Fluorene-d10	15.747	176	208420	32.231	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	42477	35.569	ng/u1	0.00
73) Anthracene-d10	17.598	188	331766	30.361	ng/u1	0.00
81) Pyrene-d10	19.883	212	427390	31.580	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.870	264	429172	32.890	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	10040	10.769	ng/uL	98
5) Pyridine	3.986	79	58804	28.647	ng/u1	94
6) Benzaldehyde	7.264	77	51511m	32.185	ng/u1	
8) Phenol	7.311	94	84575	36.451	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.546	93	57798	33.020	ng/u1	98
12) 2-Chlorophenol	7.699	128	56076	33.575	ng/u1	92
13) 2-Methylphenol	8.569	108	63180	35.036	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.663	45	94990	33.387	ng/u1	97
16) Acetophenone	8.956	105	98760	36.301	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.939	70	59762	37.680	ng/u1	98
18) 4-Methylphenol	8.898	108	69477	36.980	ng/u1	99
19) Hexachloroethane	9.232	117	23368	31.534	ng/u1	89
22) Nitrobenzene	9.338	77	87547	34.783	ng/u1#	90
23) Isophorone	9.861	82	167868	34.893	ng/u1	97
25) 2-Nitrophenol	10.055	139	36793	39.052	ng/u1#	94
26) 2,4-Dimethylphenol	10.102	107	76569	32.798	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.343	93	85272	31.873	ng/u1	99
29) 2,4-Dichlorophenol	10.589	162	66659	34.687	ng/u1	95
30) Naphthalene	11.001	128	198138	31.996	ng/u1	98
32) 4-Chloroaniline	11.100	127	78054	30.407	ng/u1	99
33) Hexachlorobutadiene	11.288	225	49767	31.710	ng/u1	97
34) Caprolactam	11.846	113	25305m	43.721	ng/u1	
35) 4-Chloro-3-methylphenol	12.211	107	82396	39.526	ng/u1	95
36) 2-Methylnaphthalene	12.592	142	148159	33.902	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	151746	34.298	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	12.963	216	97408	30.743	ng/ul	96
40) Hexachlorocyclopentadiene	12.945	237	58734	26.776	ng/ul	95
41) 2,4,6-Trichlorophenol	13.192	196	65758	33.963	ng/ul	97
42) 2,4,5-Trichlorophenol	13.262	196	73184	35.002	ng/ul	96
43) 1,1'-Biphenyl	13.591	154	212887	31.078	ng/ul	97
44) 2-Chloronaphthalene	13.638	162	168514	30.721	ng/ul	98
45) 2-Nitroaniline	13.832	65	66640	41.446	ng/ul	90
47) Dimethylphthalate	14.202	163	231035	32.874	ng/ul	100
48) 2,6-Dinitrotoluene	14.320	165	47919	37.640	ng/ul	93
50) Acenaphthylene	14.478	152	278216	32.191	ng/ul	99
51) 3-Nitroaniline	14.649	138	48711	37.906	ng/ul	98
52) Acenaphthene	14.825	153	186296	32.995	ng/ul	99
53) 2,4-Dinitrophenol	14.848	184	27989	35.389	ng/ul#	70
55) 4-Nitrophenol	14.948	109	50053	38.410	ng/ul	96
56) Dibenzofuran	15.154	168	276633	33.048	ng/ul	99
57) 2,4-Dinitrotoluene	15.107	165	70984	39.297	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.377	232	69214	36.725	ng/ul#	99
59) Diethylphthalate	15.565	149	243353	34.190	ng/ul	96
61) Fluorene	15.800	166	227572	32.799	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.794	204	123199	33.369	ng/ul	98
63) 4-Nitroaniline	15.812	138	50403m	39.885	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.870	198	43118	36.902	ng/ul	93
67) N-Nitrosodiphenylamine	16.000	169	205794	32.435	ng/ul	96
68) 4-Bromophenyl-phenylether	16.687	248	88931	38.274	ng/ul	94
69) Hexachlorobenzene	16.810	284	101329	33.760	ng/ul#	93
70) Atrazine	16.945	200	70230	27.009	ng/ul	96
71) Pentachlorophenol	17.151	266	59467m	32.582	ng/ul	
72) Phenanthrene	17.545	178	408220	33.145	ng/ul	98
74) Anthracene	17.633	178	397517	32.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.562	216	106447	30.457	ng/ul	99
76) Pentachlorobenzene	15.077	250	112874	33.662	ng/ul	97
77) Carbazole	17.897	167	370032	34.004	ng/ul	99
78) Di-n-butylphthalate	18.455	149	428043	33.078	ng/ul	99
80) Fluoranthene	19.548	202	532287	33.376	ng/ul	98
82) Pyrene	19.912	202	512599	32.337	ng/ul	97
83) Butylbenzylphthalate	20.787	149	191385	34.725	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.674	252	177024	32.648	ng/ul	99
85) Benzo(a)anthracene	21.768	228	519421	33.267	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.668	149	266279	34.882	ng/ul	97
87) Chrysene	21.833	228	486597	32.673	ng/ul	98
89) Di-n-octyl phthalate	22.914	149	457709	34.797	ng/ul	100
90) Benzo(b)fluoranthene	24.048	252	537488	32.961	ng/ul	98
91) Benzo(k)fluoranthene	24.118	252	512051	34.023	ng/ul	99
93) Benzo(a)pyrene	24.946	252	516854	33.571	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.888	276	607596	34.896	ng/ul	99
95) Dibenzo(a,h)anthracene	28.953	278	514108	34.740	ng/ul	98
96) Benzo(g,h,i)perylene	30.069	276	507380	34.472	ng/ul	96

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

