

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
 Data File : BG052925.D
 Acq On : 29 Mar 2022 13:52
 Operator : CG/JU
 Sample : PB143665BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS665

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/30/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 01:09:11 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	30120	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.948	136	138597	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.755	164	108768	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	260388	20.000	ng/u1	0.00
79) Chrysene-d12	21.786	240	268440	20.000	ng/u1	# 0.00
88) Perylene-d12	25.094	264	282797	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	4868	5.709	ng/uL	0.00
4) Pyridine-d5	3.963	84	62602	29.407	ng/u1	-0.01
7) Phenol-d5	7.283	99	102398	37.957	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	62485	37.924	ng/u1	0.00
11) 2-Chlorophenol-d4	7.664	132	66516	36.312	ng/u1	-0.01
15) 4-Methylphenol-d8	8.833	113	79191	40.524	ng/u1	0.00
21) Nitrobenzene-d5	9.292	128	38988	39.079	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	41712	39.639	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	83152	36.322	ng/u1	0.00
31) 4-Chloroaniline-d4	11.072	131	104091	34.403	ng/u1	0.00
46) Dimethylphthalate-d6	14.156	166	303175	36.282	ng/u1	0.00
49) Acenaphthylene-d8	14.449	160	340551	33.539	ng/u1	0.00
54) 4-Nitrophenol-d4	14.931	143	52552	37.406	ng/u1	0.00
60) Fluorene-d10	15.748	176	264745	36.083	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	55019	41.520	ng/u1	0.00
73) Anthracene-d10	17.598	188	420992	34.720	ng/u1	0.00
81) Pyrene-d10	19.877	212	529346	35.250	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.870	264	543006	37.161	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.588	88	11018m	10.546	ng/uL	
5) Pyridine	3.981	79	78200	33.997	ng/u1	91
6) Benzaldehyde	7.265	77	65583m	36.569	ng/u1	
8) Phenol	7.306	94	110938	42.668	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.541	93	76628	39.067	ng/u1	97
12) 2-Chlorophenol	7.700	128	72660	38.824	ng/u1	93
13) 2-Methylphenol	8.569	108	85489	42.306	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.663	45	130107	40.809	ng/u1	98
16) Acetophenone	8.951	105	128231	42.061	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.939	70	78149	43.971	ng/u1	97
18) 4-Methylphenol	8.898	108	93625	44.471	ng/u1	97
19) Hexachloroethane	9.227	117	30203	36.372	ng/u1	87
22) Nitrobenzene	9.339	77	117797	40.408	ng/u1	96
23) Isophorone	9.861	82	220194	39.517	ng/u1	97
25) 2-Nitrophenol	10.049	139	46205	42.343	ng/u1	86
26) 2,4-Dimethylphenol	10.102	107	102318	37.841	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.337	93	115624	37.314	ng/u1	99
29) 2,4-Dichlorophenol	10.590	162	87454	39.291	ng/u1	100
30) Naphthalene	10.995	128	261628	36.477	ng/u1	99
32) 4-Chloroaniline	11.095	127	96943	32.607	ng/u1	94
33) Hexachlorobutadiene	11.289	225	67584	37.179	ng/u1	97
34) Caprolactam	11.853	113	32808m	48.941	ng/u1	
35) 4-Chloro-3-methylphenol	12.211	107	107570	44.553	ng/u1	90
36) 2-Methylnaphthalene	12.593	142	197286	38.976	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	201095	39.243	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.963	216	128633	35.780	ng/ul	98
40) Hexachlorocyclopentadiene	12.945	237	78802	31.661	ng/ul	98
41) 2,4,6-Trichlorophenol	13.192	196	86941	39.575	ng/ul	96
42) 2,4,5-Trichlorophenol	13.263	196	95185	40.122	ng/ul	96
43) 1,1'-Biphenyl	13.592	154	279341	35.940	ng/ul	100
44) 2-Chloronaphthalene	13.639	162	219983	35.346	ng/ul	97
45) 2-Nitroaniline	13.827	65	85739	46.996	ng/ul	95
47) Dimethylphthalate	14.203	163	300704	37.710	ng/ul	99
48) 2,6-Dinitrotoluene	14.320	165	63661	44.071	ng/ul	91
50) Acenaphthylene	14.479	152	366906	37.415	ng/ul	99
51) 3-Nitroaniline	14.649	138	62901	43.140	ng/ul	97
52) Acenaphthene	14.819	153	246009	38.400	ng/ul	97
53) 2,4-Dinitrophenol	14.849	184	38244	42.617	ng/ul#	66
55) 4-Nitrophenol	14.949	109	65284	44.154	ng/ul	93
56) Dibenzofuran	15.154	168	359806	37.884	ng/ul	100
57) 2,4-Dinitrotoluene	15.101	165	92348	45.057	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.377	232	90044	42.107	ng/ul#	98
59) Diethylphthalate	15.565	149	316405	39.178	ng/ul	100
61) Fluorene	15.800	166	297745	37.821	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.789	204	161504	38.553	ng/ul	96
63) 4-Nitroaniline	15.812	138	66013m	46.039	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.871	198	56598	43.653	ng/ul	97
67) N-Nitrosodiphenylamine	16.000	169	265738	37.745	ng/ul	96
68) 4-Bromophenyl-phenylether	16.682	248	119259	46.256	ng/ul	97
69) Hexachlorobenzene	16.811	284	130733	39.254	ng/ul	92
70) Atrazine	16.940	200	84647	29.337	ng/ul	97
71) Pentachlorophenol	17.146	266	77818m	38.424	ng/ul	
72) Phenanthrene	17.539	178	518078	37.910	ng/ul	98
74) Anthracene	17.633	178	514313	37.643	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.562	216	139678	36.017	ng/uL	96
76) Pentachlorobenzene	15.078	250	150802	40.530	ng/uL	99
77) Carbazole	17.898	167	467142	38.688	ng/ul	98
78) Di-n-butylphthalate	18.450	149	546281	38.045	ng/ul	99
80) Fluoranthene	19.548	202	680415	38.449	ng/ul	97
82) Pyrene	19.912	202	653962	37.179	ng/ul#	95
83) Butylbenzylphthalate	20.788	149	241574	39.502	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.675	252	224488	37.311	ng/ul	94
85) Benzo(a)anthracene	21.763	228	658249	37.993	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.663	149	342007	40.377	ng/ul	97
87) Chrysene	21.833	228	623125	37.707	ng/ul	99
89) Di-n-octyl phthalate	22.908	149	591679	40.169	ng/ul	100
90) Benzo(b)fluoranthene	24.042	252	714454	39.125	ng/ul	98
91) Benzo(k)fluoranthene	24.113	252	658648m	39.082	ng/ul	
93) Benzo(a)pyrene	24.947	252	671168	38.930	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.889	276	792374m	40.639	ng/ul	
95) Dibenzo(a,h)anthracene	28.947	278	666267	40.204	ng/ul	99
96) Benzo(g,h,i)perylene	30.069	276	657361	39.883	ng/ul	98

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

