

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030322\
 Data File : BG052568.D
 Acq On : 3 Mar 2022 23:47
 Operator : CG/JU
 Sample : PB143054BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS054

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
 Supervised By :Yogesh Patel 03/07/2022

Quant Time: Mar 04 01:24:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	25361	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.054	136	115209	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.861	164	82738	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.610	188	204255	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.928	240	196731	20.000	ng/u1	# 0.00
88) Perylene-d12	25.388	264	201210	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	4220	6.527	ng/uL	0.00
4) Pyridine-d5	3.970	84	62148	31.864	ng/u1	0.00
7) Phenol-d5	7.365	99	90506	37.635	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.524	67	51267	36.479	ng/u1	0.00
11) 2-Chlorophenol-d4	7.741	132	60359	35.735	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	71828	38.388	ng/u1	0.00
21) Nitrobenzene-d5	9.392	128	34002	34.620	ng/u1	0.00
24) 2-Nitrophenol-d4	10.120	143	38448	35.739	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.672	165	73293	36.534	ng/u1	0.00
31) 4-Chloroaniline-d4	11.184	131	83884	30.173	ng/u1	0.00
46) Dimethylphthalate-d6	14.250	166	249921	37.157	ng/u1	0.00
49) Acenaphthylene-d8	14.555	160	305832	36.833	ng/u1	0.00
54) 4-Nitrophenol-d4	15.055	143	37378m	34.958	ng/u1	0.00
60) Fluorene-d10	15.854	176	219918	37.219	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.971	200	47548	36.713	ng/u1	0.00
73) Anthracene-d10	17.710	188	357272	36.207	ng/u1	0.00
81) Pyrene-d10	19.995	212	432532	37.573	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.153	264	404817	37.501	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.576	88	9294	12.356	ng/uL#	91
5) Pyridine	3.987	79	68622	34.849	ng/u1	89
6) Benzaldehyde	7.342	77	64358	47.126	ng/u1	95
8) Phenol	7.395	94	90153	37.065	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.618	93	65413	36.360	ng/u1	94
12) 2-Chlorophenol	7.776	128	66044	37.530	ng/u1	90
13) 2-Methylphenol	8.658	108	70303	38.184	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.746	45	86000	34.927	ng/u1	97
16) Acetophenone	9.045	105	104379	36.208	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.022	70	62092	36.586	ng/u1	99
18) 4-Methylphenol	8.992	108	74906	38.255	ng/u1	95
19) Hexachloroethane	9.316	117	25086	36.460	ng/u1#	83
22) Nitrobenzene	9.433	77	88329	35.082	ng/u1	94
23) Isophorone	9.956	82	175177	36.065	ng/u1	96
25) 2-Nitrophenol	10.156	139	40428	35.761	ng/u1	94
26) 2,4-Dimethylphenol	10.208	107	84151	36.191	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.438	93	93230	35.463	ng/u1	97
29) 2,4-Dichlorophenol	10.696	162	70388	37.088	ng/u1	97
30) Naphthalene	11.107	128	223857	34.925	ng/u1	97
32) 4-Chloroaniline	11.207	127	89208	31.279	ng/u1	97
33) Hexachlorobutadiene	11.389	225	49726	33.205	ng/u1	97
34) Caprolactam	11.953	113	26408m	37.403	ng/u1	
35) 4-Chloro-3-methylphenol	12.323	107	80485	37.970	ng/u1	95
36) 2-Methylnaphthalene	12.699	142	162759	35.438	ng/u1	99

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37) 1-Methylnaphthalene	12.917	142	166356	35.592	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.069	216	103996	35.815	ng/ul	97
40) Hexachlorocyclopentadiene	13.046	237	41735	29.691	ng/ul	98
41) 2,4,6-Trichlorophenol	13.304	196	64039	36.774	ng/ul	95
42) 2,4,5-Trichlorophenol	13.381	196	68294	36.794	ng/ul	100
43) 1,1'-Biphenyl	13.698	154	232025	35.269	ng/ul#	95
44) 2-Chloronaphthalene	13.745	162	179756	35.929	ng/ul	98
45) 2-Nitroaniline	13.939	65	60725	37.162	ng/ul#	85
47) Dimethylphthalate	14.303	163	238541	36.281	ng/ul#	99
48) 2,6-Dinitrotoluene	14.426	165	54838	38.087	ng/ul#	85
50) Acenaphthylene	14.585	152	300576	36.225	ng/ul	97
51) 3-Nitroaniline	14.761	138	50360	42.949	ng/ul#	94
52) Acenaphthene	14.926	153	197248	36.147	ng/ul	95
53) 2,4-Dinitrophenol	14.973	184	26031	36.562	ng/ul#	77
55) 4-Nitrophenol	15.072	109	34909	33.664	ng/ul	88
56) Dibenzofuran	15.260	168	288405	36.765	ng/ul	96
57) 2,4-Dinitrotoluene	15.213	165	78590	37.682	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.490	232	63565	37.786	ng/ul#	87
59) Diethylphthalate	15.660	149	248078	37.326	ng/ul	97
61) Fluorene	15.907	166	242773	36.792	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.889	204	130429	36.320	ng/ul	95
63) 4-Nitroaniline	15.918	138	55535m	49.329	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.983	198	46405	36.971	ng/ul	94
67) N-Nitrosodiphenylamine	16.106	169	208238	36.184	ng/ul	98
68) 4-Bromophenyl-phenylether	16.788	248	91770	37.434	ng/ul#	84
69) Hexachlorobenzene	16.923	284	104081	37.000	ng/ul#	87
70) Atrazine	17.046	200	91203	35.959	ng/ul	97
71) Pentachlorophenol	17.269	266	43797m	34.568	ng/ul	
72) Phenanthrene	17.657	178	406507	36.952	ng/ul	99
74) Anthracene	17.745	178	401876	36.296	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.668	216	108822	33.679	ng/uL	95
76) Pentachlorobenzene	15.184	250	115608	37.477	ng/uL	97
77) Carbazole	18.015	167	372651	37.893	ng/ul	99
78) Di-n-butylphthalate	18.550	149	421833	36.067	ng/ul	99
80) Fluoranthene	19.660	202	522859	38.471	ng/ul#	91
82) Pyrene	20.019	202	509604	37.758	ng/ul#	90
83) Butylbenzylphthalate	20.888	149	178772	36.641	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.805	252	163061	37.522	ng/ul#	97
85) Benzo(a)anthracene	21.904	228	490830	36.820	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.781	149	252364	36.901	ng/ul#	98
87) Chrysene	21.981	228	470681	36.830	ng/ul	98
89) Di-n-octyl phthalate	23.067	149	424660	36.498	ng/ul	100
90) Benzo(b)fluoranthene	24.283	252	518340	36.949	ng/ul#	96
91) Benzo(k)fluoranthene	24.354	252	482956	37.324	ng/ul#	97
93) Benzo(a)pyrene	25.229	252	486019	36.828	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.388	276	564278	37.602	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.447	278	478876	37.382	ng/ul#	94
96) Benzo(g,h,i)perylene	30.640	276	475652	37.751	ng/ul#	91

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

