

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
 Data File : BG049448.D
 Acq On : 24 Jul 2021 12:40
 Operator : CG/JU
 Sample : PB137800BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS800

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:31:18 PM

Quant Time: Jul 25 07:20:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 06:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	16308	20.00	ng/ul	0.00
20) Naphthalene-d8	10.865	136	68765	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	47935	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	113084	20.00	ng/ul	0.00
79) Chrysene-d12	21.732	240	120419	20.00	ng/ul	0.00
88) Perylene-d12	25.010	264	128334	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	3100	8.70	ng/uL	-0.02
4) Pyridine-d5	3.851	84	43331	42.32	ng/ul	0.00
7) Phenol-d5	7.199	99	60162	41.70	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	35545	43.50	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	44331	42.86	ng/ul	0.00
15) 4-Methylphenol-d8	8.756	113	46390	42.65	ng/ul	0.00
21) Nitrobenzene-d5	9.214	128	22006	41.62	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	26203	42.29	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	45662	40.52	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	62234	39.63	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	158148	43.07	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	185224	43.43	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	27314	45.17	ng/ul	0.00
60) Fluorene-d10	15.694	176	132367	41.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	28849	41.17	ng/ul	0.00
73) Anthracene-d10	17.550	188	219304	41.73	ng/ul	0.00
81) Pyrene-d10	19.835	212	276467	44.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.787	264	283450	42.02	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	6669	13.69	ng/uL#	91
5) Pyridine	3.863	79	45969	41.97	ng/ul	100
6) Benzaldehyde	7.176	77	40756	47.34	ng/ul	92
8) Phenol	7.229	94	59759	42.40	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.458	93	39837	41.03	ng/ul	87
12) 2-Chlorophenol	7.604	128	42525	42.71	ng/ul	97
13) 2-Methylphenol	8.486	108	47053	43.80	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.568	45	47346	41.61	ng/ul#	93
16) Acetophenone	8.873	105	75846	43.33	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.856	70	39604	43.88	ng/ul	94
18) 4-Methylphenol	8.815	108	47808	42.30	ng/ul	86
19) Hexachloroethane	9.138	117	20077	44.76	ng/ul	87
22) Nitrobenzene	9.255	77	64738	41.01	ng/ul	95
23) Isophorone	9.784	82	112141	42.40	ng/ul	97
25) 2-Nitrophenol	9.972	139	25269	43.34	ng/ul#	79
26) 2,4-Dimethylphenol	10.025	107	56785	40.87	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.266	93	53678	40.69	ng/ul	98
29) 2,4-Dichlorophenol	10.512	162	44439	40.34	ng/ul	93
30) Naphthalene	10.918	128	146900	41.47	ng/ul	98
32) 4-Chloroaniline	11.023	127	59936	40.12	ng/ul#	85
33) Hexachlorobutadiene	11.206	225	34911	41.46	ng/ul	90
34) Caprolactam	11.781	113	15869m	42.36	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	55335	44.65	ng/ul	97
36) 2-Methylnaphthalene	12.527	142	105732	40.78	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	105473	40.26	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.891	216	57623	40.45	ng/ul	95
40) Hexachlorocyclopentadiene	12.874	237	30893	35.99	ng/ul	96
41) 2,4,6-Trichlorophenol	13.132	196	35843	40.94	ng/ul#	78
42) 2,4,5-Trichlorophenol	13.203	196	39459	42.20	ng/ul	96
43) 1,1'-Biphenyl	13.532	154	141731	41.52	ng/ul	99
44) 2-Chloronaphthalene	13.573	162	111376	41.93	ng/ul	97
45) 2-Nitroaniline	13.773	65	43169	45.80	ng/ul	94
47) Dimethylphthalate	14.143	163	155243	43.48	ng/ul#	98
48) 2,6-Dinitrotoluene	14.266	165	31306	43.93	ng/ul#	94
50) Acenaphthylene	14.419	152	171329	42.07	ng/ul#	95
51) 3-Nitroaniline	14.601	138	31457	44.26	ng/ul	96
52) Acenaphthene	14.760	153	120116	41.12	ng/ul	99
53) 2,4-Dinitrophenol	14.807	184	14712	41.44	ng/ul	92
55) 4-Nitrophenol	14.906	109	35639	43.47	ng/ul	96
56) Dibenzofuran	15.094	168	169797	43.05	ng/ul	100
57) 2,4-Dinitrotoluene	15.053	165	47138	46.66	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.323	232	37808	44.56	ng/ul#	97
59) Diethylphthalate	15.511	149	158036	42.76	ng/ul	99
61) Fluorene	15.746	166	143114	42.74	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.735	204	75981	43.59	ng/ul#	86
63) 4-Nitroaniline	15.764	138	31916	45.28	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.823	198	28021	43.44	ng/ul#	83
67) N-Nitrosodiphenylamine	15.952	169	122367	41.29	ng/ul	97
68) 4-Bromophenyl-phenylether	16.633	248	52901	42.01	ng/ul	94
69) Hexachlorobenzene	16.751	284	58876	41.33	ng/ul	97
70) Atrazine	16.898	200	57346	42.37	ng/ul	98
71) Pentachlorophenol	17.098	266	27979m	42.42	ng/ul	
72) Phenanthrene	17.491	178	246001	41.79	ng/ul	96
74) Anthracene	17.585	178	242373	40.63	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.497	216	60266	39.22	ng/uL	94
76) Pentachlorobenzene	15.018	250	65355	40.20	ng/uL	96
77) Carbazole	17.849	167	219995	41.25	ng/ul	97
78) Di-n-butylphthalate	18.402	149	279821	42.19	ng/ul	97
80) Fluoranthene	19.500	202	319905	42.79	ng/ul	98
82) Pyrene	19.864	202	319681	43.07	ng/ul	99
83) Butylbenzylphthalate	20.740	149	124729	43.16	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.621	252	118813	42.94	ng/ul#	92
85) Benzo(a)anthracene	21.709	228	311932	42.37	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.609	149	188609	43.98	ng/ul	96
87) Chrysene	21.779	228	300663	42.67	ng/ul	96
89) Di-n-octyl phthalate	22.837	149	310471	41.16	ng/ul	100
90) Benzo(b)fluoranthene	23.965	252	345014	42.89	ng/ul	99
91) Benzo(k)fluoranthene	24.035	252	327900m	41.65	ng/ul	
93) Benzo(a)pyrene	24.858	252	302850	43.40	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.758	276	388836	43.67	ng/ul	97
95) Dibenzo(a,h)anthracene	28.817	278	320168m	43.45	ng/ul	
96) Benzo(g,h,i)perylene	29.927	276	317805	42.93	ng/ul#	95

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

