

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072421\
 Data File : BG049430.D
 Acq On : 23 Jul 2021 17:49
 Operator : CG/JU
 Sample : SST00501
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005408

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:28:56 PM

Quant Time: Jul 23 23:54:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 23 23:52:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	20328	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	79759	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.705	164	54415	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	124168	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	149247	20.000	ng/ul	0.00
88) Perylene-d12	25.009	264	149237	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	783m	1.669	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.580	132	5762	4.695	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.230	128	2409	4.362	ng/ul	0.01
24) 2-Nitrophenol-d4	9.947	143	3363	5.562	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	5601	3.770	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.100	166	18603	4.156	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	22092	4.494	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.692	176	16821	4.257	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.548	188	27522	4.851	ng/ul	0.00
81) Pyrene-d10	19.834	212	34921	4.575	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	35677	4.410	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.473	88	1549m	3.290	ng/uL	
12) 2-Chlorophenol	7.615	128	5245	4.026	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.860	70	4771	3.388	ng/ul#	96
19) Hexachloroethane	9.142	117	2415	3.979	ng/ul#	76
22) Nitrobenzene	9.266	77	7980	4.383	ng/ul#	96
23) Isophorone	9.788	82	13478	3.582	ng/ul	98
25) 2-Nitrophenol	9.982	139	2683	3.897	ng/ul#	85
26) 2,4-Dimethylphenol	10.035	107	6958	3.840	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.270	93	6702	3.538	ng/ul#	98
29) 2,4-Dichlorophenol	10.523	162	5706	4.111	ng/ul#	84
30) Naphthalene	10.928	128	18747	4.448	ng/ul#	94
33) Hexachlorobutadiene	11.210	225	4230	3.204	ng/ul#	85
35) 4-Chloro-3-methylphenol	12.150	107	6232	3.829	ng/ul	93
36) 2-Methylnaphthalene	12.532	142	13328	4.099	ng/ul	86
37) 1-Methylnaphthalene	12.749	142	13905	4.318	ng/ul#	87
39) 1,2,4,5-Tetrachloroben...	12.902	216	7376	3.561	ng/ul	96
41) 2,4,6-Trichlorophenol	13.143	196	4126	3.237	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.213	196	4794	3.504	ng/ul#	83
43) 1,1'-Biphenyl	13.536	154	17825	4.427	ng/ul	99
44) 2-Chloronaphthalene	13.577	162	13987	4.435	ng/ul	96
45) 2-Nitroaniline	13.777	65	4279	4.392	ng/ul#	85
47) Dimethylphthalate	14.147	163	18431	4.076	ng/ul#	96
48) 2,6-Dinitrotoluene	14.276	165	3325	4.294	ng/ul	95
50) Acenaphthylene	14.423	152	20991	4.453	ng/ul	97

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52) Acenaphthene	14.764	153	15079	4.313	ng/ul	91
56) Dibenzofuran	15.099	168	20187	4.065	ng/ul	94
57) 2,4-Dinitrotoluene	15.058	165	4303	3.863	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.328	232	4253	3.288	ng/ul#	90
59) Diethylphthalate	15.510	149	18882	4.178	ng/ul	99
61) Fluorene	15.751	166	16901	3.998	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.739	204	9071	3.538	ng/ul	99
67) N-Nitrosodiphenylamine	15.951	169	14888	4.329	ng/ul	98
68) 4-Bromophenyl-phenylether	16.632	248	6535	4.138	ng/ul#	82
69) Hexachlorobenzene	16.755	284	7085	4.269	ng/ul#	87
72) Phenanthrene	17.490	178	30007	4.760	ng/ul	94
74) Anthracene	17.584	178	31339	4.832	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.501	216	7945	4.081	ng/uL#	91
76) Pentachlorobenzene	15.022	250	8278	4.059	ng/uL	98
78) Di-n-butylphthalate	18.406	149	34519	5.019	ng/ul	97
80) Fluoranthene	19.505	202	41941	4.428	ng/ul	98
82) Pyrene	19.863	202	41669	4.406	ng/ul#	98
83) Butylbenzylphthalate	20.744	149	15164	4.483	ng/ul	90
85) Benzo(a)anthracene	21.708	228	41715	4.230	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.608	149	22648	4.593	ng/ul#	95
87) Chrysene	21.778	228	41054	4.354	ng/ul	97
90) Benzo(b)fluoranthene	23.957	252	42479m	4.304	ng/ul	
91) Benzo(k)fluoranthene	24.034	252	44688	4.607	ng/ul	96
93) Benzo(a)pyrene	24.850	252	37210	4.291	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.751	276	46991	4.213	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.810	278	41168m	4.540	ng/ul	
96) Benzo(g,h,i)perylene	29.908	276	40610m	4.492	ng/ul	

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

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