

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049223.D
 Acq On : 8 Jul 2021 19:43
 Operator : CG/JU
 Sample : SST00503
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005301

Manual Integrations
 APPROVED

mohammad
 7/9/2021 2:46:49 PM

Quant Time: Jul 09 02:35:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 02:34:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	30523	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	124275	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	88588	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	208898	20.000	ng/ul	0.00
79) Chrysene-d12	21.757	240	241449	20.000	ng/ul	0.00
88) Perylene-d12	25.053	264	246277	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.467	96	1197	1.699	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	7.609	132	8691	4.716	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.242	128	4214	4.897	ng/ul	0.00
24) 2-Nitrophenol-d4	9.971	143	4717	5.007	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.511	165	9726	4.201	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.119	166	31072	4.264	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	37438	4.678	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.711	176	27021	4.201	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.568	188	45034m	4.718	ng/ul	0.00
81) Pyrene-d10	19.853	212	55870	4.525	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.824	264	58166	4.357	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.508	88	1862m	2.634	ng/uL	
12) 2-Chlorophenol	7.638	128	8782	4.490	ng/ul	87
17) N-Nitroso-di-n-propyla...	8.884	70	8033	3.799	ng/ul#	97
19) Hexachloroethane	9.166	117	4402	4.830	ng/ul	88
22) Nitrobenzene	9.283	77	12896	4.546	ng/ul#	94
23) Isophorone	9.806	82	21502	3.667	ng/ul	99
25) 2-Nitrophenol	10.006	139	5199	4.846	ng/ul	86
26) 2,4-Dimethylphenol	10.053	107	11676	4.136	ng/ul#	84
27) Bis(2-Chloroethoxy)met...	10.294	93	10882	3.687	ng/ul	91
29) 2,4-Dichlorophenol	10.541	162	8738	4.041	ng/ul#	91
30) Naphthalene	10.946	128	29202	4.446	ng/ul	97
33) Hexachlorobutadiene	11.234	225	8104	3.940	ng/ul	91
35) 4-Chloro-3-methylphenol	12.174	107	9606	3.788	ng/ul	86
36) 2-Methylnaphthalene	12.556	142	22396	4.421	ng/ul#	71
37) 1-Methylnaphthalene	12.768	142	21736	4.332	ng/ul#	89
39) 1,2,4,5-Tetrachloroben...	12.920	216	12732	3.775	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.155	196	7754	3.736	ng/ul	91
42) 2,4,5-Trichlorophenol	13.226	196	8442	3.790	ng/ul#	83
43) 1,1'-Biphenyl	13.555	154	27691	4.224	ng/ul#	95
44) 2-Chloronaphthalene	13.596	162	21833	4.252	ng/ul	95
45) 2-Nitroaniline	13.796	65	7716	4.865	ng/ul#	91
47) Dimethylphthalate	14.166	163	29067	3.949	ng/ul#	99
48) 2,6-Dinitrotoluene	14.283	165	6359	5.044	ng/ul#	77
50) Acenaphthylene	14.442	152	33618	4.381	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.783	153	24575	4.318	ng/ul	90
56) Dibenzofuran	15.118	168	34437	4.260	ng/ul	88
57) 2,4-Dinitrotoluene	15.077	165	8655	4.773	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.347	232	7443	3.535	ng/ul#	85
59) Diethylphthalate	15.529	149	31379	4.265	ng/ul	95
61) Fluorene	15.770	166	28681	4.168	ng/ul	85
62) 4-Chlorophenyl-phenyle...	15.758	204	16088	3.854	ng/ul#	92
67) N-Nitrosodiphenylamine	15.970	169	25015	4.323	ng/ul	94
68) 4-Bromophenyl-phenylether	16.657	248	10017	3.770	ng/ul	92
69) Hexachlorobenzene	16.775	284	12508	4.480	ng/ul	95
72) Phenanthrene	17.515	178	47431	4.472	ng/ul	99
74) Anthracene	17.603	178	50479	4.626	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.525	216	13320	4.067	ng/uL	93
76) Pentachlorobenzene	15.041	250	13631	3.973	ng/uL	93
78) Di-n-butylphthalate	18.426	149	55295	4.779	ng/ul#	98
80) Fluoranthene	19.518	202	64541	4.212	ng/ul	99
82) Pyrene	19.883	202	66177	4.325	ng/ul#	96
83) Butylbenzylphthalate	20.764	149	25526	4.665	ng/ul	94
85) Benzo(a)anthracene	21.733	228	71099	4.457	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.634	149	37773	4.735	ng/ul#	94
87) Chrysene	21.804	228	66327	4.348	ng/ul	97
90) Benzo(b)fluoranthene	23.996	252	69932m	4.293	ng/ul	
91) Benzo(k)fluoranthene	24.072	252	69385	4.335	ng/ul#	97
93) Benzo(a)pyrene	24.889	252	61130	4.272	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.819	276	79124m	4.298	ng/ul	
95) Dibenzo(a,h)anthracene	28.884	278	65671m	4.388	ng/ul	
96) Benzo(g,h,i)perylene	29.983	276	64704m	4.337	ng/ul	

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

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