

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070921\  
 Data File : BG049226.D  
 Acq On : 8 Jul 2021 21:47  
 Operator : CG/JU  
 Sample : SSTD04006  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTD040304

Manual Integrations  
 APPROVED

mohammad  
 7/9/2021 2:46:59 PM

Quant Time: Jul 09 02:36:41 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	28148	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.894	136	119837	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.719	164	85547	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	208125	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.757	240	208789	20.000	ng/ul	0.00
88) Perylene-d12	25.053	264	221088	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	9875m	15.201	ng/uL	0.00
4) Pyridine-d5	3.884	84	72564	36.485	ng/ul	0.00
7) Phenol-d5	7.227	99	97149	39.726	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	56345	37.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	74656	43.930	ng/ul	0.00
15) 4-Methylphenol-d8	8.784	113	81495	40.624	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	39071	47.087	ng/ul	0.00
24) 2-Nitrophenol-d4	9.971	143	43728	48.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.512	165	86666	38.823	ng/ul	0.00
31) 4-Chloroaniline-d4	11.029	131	108817	38.709	ng/ul	0.00
46) Dimethylphthalate-d6	14.125	166	271259	38.544	ng/ul	0.00
49) Acenaphthylene-d8	14.419	160	317332	41.063	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	46513	44.381	ng/ul	0.00
60) Fluorene-d10	15.711	176	232952	37.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.829	200	53938	50.715	ng/ul	0.00
73) Anthracene-d10	17.574	188	381255	40.094	ng/ul	0.00
81) Pyrene-d10	19.854	212	454411	42.559	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.824	264	474465	39.588	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.496	88	10696	16.407	ng/uL	94
5) Pyridine	3.902	79	77936	39.229	ng/ul	90
6) Benzaldehyde	7.210	77	64688	41.890	ng/ul	97
8) Phenol	7.251	94	99354	38.430	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.492	93	72183	38.287	ng/ul	87
12) 2-Chlorophenol	7.639	128	76389	42.351	ng/ul	97
13) 2-Methylphenol	8.514	108	75245	38.904	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.602	45	118622	53.254	ng/ul	98
16) Acetophenone	8.902	105	129417	39.353	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.884	70	66983	34.354	ng/ul#	92
18) 4-Methylphenol	8.849	108	78962	38.889	ng/ul	89
19) Hexachloroethane	9.166	117	33498	39.854	ng/ul	89
22) Nitrobenzene	9.290	77	106490	38.930	ng/ul	95
23) Isophorone	9.813	82	187674	33.193	ng/ul	98
25) 2-Nitrophenol	10.001	139	45083	43.578	ng/ul	95
26) 2,4-Dimethylphenol	10.059	107	96667	35.511	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.294	93	98181	34.494	ng/ul#	92
29) 2,4-Dichlorophenol	10.541	162	79258	38.008	ng/ul	93
30) Naphthalene	10.946	128	244893	38.669	ng/ul	97
32) 4-Chloroaniline	11.052	127	108005	39.066	ng/ul	96
33) Hexachlorobutadiene	11.234	225	64597	32.566	ng/ul	96
34) Caprolactam	11.816	113	27702m	34.868	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	88263	36.090	ng/ul	95
36) 2-Methylnaphthalene	12.550	142	185039	37.879	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.774	142	184361	38.105	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.915	216	110394	33.899	ng/ul#	97
40) Hexachlorocyclopentadiene	12.897	237	71302	30.153	ng/ul	98
41) 2,4,6-Trichlorophenol	13.156	196	72176	36.016	ng/ul	90
42) 2,4,5-Trichlorophenol	13.232	196	77147	35.864	ng/ul	90
43) 1,1'-Biphenyl	13.555	154	241308	38.121	ng/ul	99
44) 2-Chloronaphthalene	13.602	162	186297	37.571	ng/ul	99
45) 2-Nitroaniline	13.796	65	71548	46.711	ng/ul	93
47) Dimethylphthalate	14.172	163	253736	35.696	ng/ul	99
48) 2,6-Dinitrotoluene	14.290	165	55266	45.396	ng/ul	90
50) Acenaphthylene	14.448	152	281257	37.954	ng/ul	96
51) 3-Nitroaniline	14.619	138	50334	43.003	ng/ul	90
52) Acenaphthene	14.789	153	206760	37.621	ng/ul	99
53) 2,4-Dinitrophenol	14.830	184	35459	43.781	ng/ul	96
55) 4-Nitrophenol	14.930	109	57343	41.312	ng/ul	95
56) Dibenzofuran	15.118	168	293266	37.566	ng/ul	93
57) 2,4-Dinitrotoluene	15.077	165	78647	44.910	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.347	232	73816	36.302	ng/ul	93
59) Diethylphthalate	15.529	149	276007	38.851	ng/ul	100
61) Fluorene	15.770	166	247000	37.170	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.758	204	136078	33.758	ng/ul	99
63) 4-Nitroaniline	15.788	138	51723	42.441	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.841	198	50830	45.518	ng/ul#	95
67) N-Nitrosodiphenylamine	15.970	169	213453	37.027	ng/ul	97
68) 4-Bromophenyl-phenylether	16.657	248	97228	36.731	ng/ul	98
69) Hexachlorobenzene	16.781	284	105694	37.993	ng/ul	96
70) Atrazine	16.922	200	97853	37.718	ng/ul	97
71) Pentachlorophenol	17.122	266	63600	36.037	ng/ul	99
72) Phenanthrene	17.515	178	413294	39.110	ng/ul	97
74) Anthracene	17.609	178	416703	38.330	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.520	216	114593	35.119	ng/ul	92
76) Pentachlorobenzene	15.042	250	123997	36.278	ng/ul	98
77) Carbazole	17.874	167	373813	40.585	ng/ul	99
78) Di-n-butylphthalate	18.426	149	470889	40.848	ng/ul	99
80) Fluoranthene	19.525	202	534840	40.367	ng/ul	99
82) Pyrene	19.883	202	523873	39.594	ng/ul	99
83) Butylbenzylphthalate	20.764	149	207064	43.760	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.652	252	208548	40.779	ng/ul	98
85) Benzo(a)anthracene	21.740	228	529000	38.347	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.634	149	296370	42.966	ng/ul	98
87) Chrysene	21.804	228	504237	38.225	ng/ul	99
89) Di-n-octyl phthalate	22.874	149	501589	41.680	ng/ul	100
90) Benzo(b)fluoranthene	24.002	252	561165	38.376	ng/ul	99
91) Benzo(k)fluoranthene	24.072	252	542439	37.747	ng/ul	97
93) Benzo(a)pyrene	24.901	252	490305	38.168	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.826	276	630049	38.127	ng/ul	96
95) Dibenzo(a,h)anthracene	28.896	278	524411	39.034	ng/ul	94
96) Benzo(g,h,i)perylene	30.012	276	523179	39.060	ng/ul	96

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

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