

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
 Data File : BG049550.D
 Acq On : 29 Jul 2021 3:21
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020466

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:42:36 PM

Quant Time: Jul 29 05:55:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 29 04:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	27739	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	114964	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.699	164	81069	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	181373	20.000	ng/u1	0.00
79) Chrysene-d12	21.730	240	164871	20.000	ng/u1	0.00
88) Perylene-d12	25.008	264	163486	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	4644	7.659	ng/uL	-0.01
4) Pyridine-d5	3.855	84	33148	19.034	ng/u1	0.00
7) Phenol-d5	7.203	99	45525	18.550	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	24971	17.965	ng/u1	0.00
11) 2-Chlorophenol-d4	7.573	132	35617	20.246	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	34982	18.910	ng/u1	0.00
21) Nitrobenzene-d5	9.212	128	17175	19.431	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	20432	19.727	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	39117	20.765	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	48035	18.296	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	120599	19.420	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	139377	19.324	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	19593	19.159	ng/u1	0.00
60) Fluorene-d10	15.691	176	103996	19.439	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	19368	17.233	ng/u1	0.00
73) Anthracene-d10	17.548	188	166152	19.710	ng/u1	0.00
81) Pyrene-d10	19.833	212	179927	21.343	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.779	264	183275	21.329	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.467	88	5164m	6.231	ng/uL	
5) Pyridine	3.872	79	31710	17.023	ng/u1	93
6) Benzaldehyde	7.179	77	32917	22.477	ng/u1	96
8) Phenol	7.226	94	47539	19.829	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.461	93	33463	20.260	ng/u1	96
12) 2-Chlorophenol	7.608	128	35911	21.203	ng/u1	98
13) 2-Methylphenol	8.489	108	36626	20.045	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.578	45	38898	20.097	ng/u1#	95
16) Acetophenone	8.871	105	60877	20.447	ng/u1#	88
17) N-Nitroso-di-n-propyla...	8.854	70	31648	20.614	ng/u1#	98
18) 4-Methylphenol	8.818	108	39080	20.330	ng/u1	84
19) Hexachloroethane	9.136	117	15776	20.677	ng/u1	96
22) Nitrobenzene	9.259	77	53410	20.238	ng/u1	98
23) Isophorone	9.782	82	89512	20.241	ng/u1	97
25) 2-Nitrophenol	9.976	139	21254	21.805	ng/u1	93
26) 2,4-Dimethylphenol	10.029	107	48790	21.002	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.264	93	44469	20.162	ng/u1	95
29) 2,4-Dichlorophenol	10.510	162	38673	21.001	ng/u1	95
30) Naphthalene	10.916	128	120276	20.311	ng/u1#	95
32) 4-Chloroaniline	11.021	127	48847	19.560	ng/u1#	88
33) Hexachlorobutadiene	11.203	225	28902	20.529	ng/u1	98
34) Caprolactam	11.791	113	11269m	17.993	ng/u1	
35) 4-Chloro-3-methylphenol	12.149	107	45933	22.169	ng/u1	95
36) 2-Methylnaphthalene	12.525	142	88533	20.427	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.743	142	89988	20.547	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.889	216	49710	20.631	ng/ul	98
40) Hexachlorocyclopentadiene	12.866	237	25123	17.304	ng/ul	99
41) 2,4,6-Trichlorophenol	13.130	196	32713	22.093	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.207	196	36256	22.928	ng/ul	97
43) 1,1'-Biphenyl	13.530	154	119340	20.672	ng/ul#	96
44) 2-Chloronaphthalene	13.577	162	96735	21.534	ng/ul	97
45) 2-Nitroaniline	13.776	65	35974	22.565	ng/ul	98
47) Dimethylphthalate	14.141	163	124895	20.681	ng/ul#	95
48) 2,6-Dinitrotoluene	14.270	165	25824	21.427	ng/ul#	94
50) Acenaphthylene	14.417	152	142786	20.729	ng/ul	96
51) 3-Nitroaniline	14.599	138	26004	21.633	ng/ul	84
52) Acenaphthene	14.763	153	103722	20.995	ng/ul	98
53) 2,4-Dinitrophenol	14.810	184	11152	18.572	ng/ul#	78
55) 4-Nitrophenol	14.904	109	27564	19.877	ng/ul	94
56) Dibenzofuran	15.098	168	143844	21.563	ng/ul	96
57) 2,4-Dinitrotoluene	15.057	165	37244	21.801	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.327	232	31640	22.049	ng/ul#	98
59) Diethylphthalate	15.503	149	125955	20.152	ng/ul	93
61) Fluorene	15.744	166	123787	21.859	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.733	204	63020	21.378	ng/ul	90
63) 4-Nitroaniline	15.762	138	26266	22.035	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.827	198	19355	18.708	ng/ul#	92
67) N-Nitrosodiphenylamine	15.950	169	101911	21.440	ng/ul	98
68) 4-Bromophenyl-phenylether	16.631	248	42769	21.178	ng/ul	95
69) Hexachlorobenzene	16.755	284	49059	21.471	ng/ul	95
70) Atrazine	16.896	200	45451	20.936	ng/ul	97
71) Pentachlorophenol	17.101	266	20933	19.786	ng/ul	90
72) Phenanthrene	17.489	178	189489	20.068	ng/ul	95
74) Anthracene	17.583	178	195317	20.413	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.500	216	52140	21.156	ng/uL	94
76) Pentachlorobenzene	15.016	250	60674	23.268	ng/uL	95
77) Carbazole	17.853	167	169327	19.794	ng/ul	99
78) Di-n-butylphthalate	18.400	149	209809	19.723	ng/ul	98
80) Fluoranthene	19.498	202	228466	22.319	ng/ul	99
82) Pyrene	19.862	202	225649	22.203	ng/ul	100
83) Butylbenzylphthalate	20.738	149	88976	22.487	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.625	252	78069	20.608	ng/ul	99
85) Benzo(a)anthracene	21.713	228	211528	20.985	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.607	149	126142	21.481	ng/ul	99
87) Chrysene	21.777	228	201981	20.935	ng/ul	96
89) Di-n-octyl phthalate	22.835	149	210423	21.896	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	221386m	21.605	ng/ul	
91) Benzo(k)fluoranthene	24.033	252	211432	21.083	ng/ul	98
93) Benzo(a)pyrene	24.856	252	187146	21.052	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.756	276	251116	22.139	ng/ul	99
95) Dibenzo(a,h)anthracene	28.821	278	209800	22.352	ng/ul	99
96) Benzo(g,h,i)perylene	29.937	276	207778m	22.033	ng/ul	

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

