

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
 Data File : BG049589.D
 Acq On : 30 Jul 2021 23:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020471

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:46:03 PM

Quant Time: Jul 31 03:31:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 31 02:14:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	25621	20.000	ng/u1	0.00
20) Naphthalene-d8	10.870	136	108637	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.695	164	79178	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.450	188	178611	20.000	ng/u1	0.00
79) Chrysene-d12	21.732	240	162479	20.000	ng/u1	0.00
88) Perylene-d12	25.004	264	165288	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	4929	8.801	ng/uL	-0.01
4) Pyridine-d5	3.856	84	32119	19.968	ng/u1	0.00
7) Phenol-d5	7.199	99	44548	19.652	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	24071	18.749	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	32293	19.874	ng/u1	0.00
15) 4-Methylphenol-d8	8.750	113	33405	19.551	ng/u1	0.00
21) Nitrobenzene-d5	9.214	128	16766	20.073	ng/u1	0.00
24) 2-Nitrophenol-d4	9.942	143	20218	20.657	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	35856	20.143	ng/u1	0.00
31) 4-Chloroaniline-d4	11.000	131	47646	19.205	ng/u1	0.00
46) Dimethylphthalate-d6	14.095	166	116972	19.286	ng/u1	0.00
49) Acenaphthylene-d8	14.389	160	134107	19.037	ng/u1	0.00
54) 4-Nitrophenol-d4	14.888	143	19101	19.124	ng/u1	0.00
60) Fluorene-d10	15.687	176	101776	19.478	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	19527	17.643	ng/u1	0.00
73) Anthracene-d10	17.544	188	162310	19.552	ng/u1	0.00
81) Pyrene-d10	19.829	212	179425	21.596	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.781	264	183563	21.130	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	5045	6.591	ng/uL	87
5) Pyridine	3.874	79	35882	20.855	ng/u1#	89
6) Benzaldehyde	7.181	77	33786m	24.978	ng/u1	
8) Phenol	7.228	94	47950	21.654	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.457	93	31799	20.844	ng/u1	98
12) 2-Chlorophenol	7.610	128	35119	22.450	ng/u1	90
13) 2-Methylphenol	8.485	108	35239	20.880	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.568	45	36886	20.632	ng/u1	99
16) Acetophenone	8.873	105	60243	21.907	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.850	70	29663	20.918	ng/u1#	88
18) 4-Methylphenol	8.814	108	38364	21.607	ng/u1	91
19) Hexachloroethane	9.132	117	15921	22.592	ng/u1	89
22) Nitrobenzene	9.261	77	51707	20.734	ng/u1	98
23) Isophorone	9.784	82	86244	20.638	ng/u1#	96
25) 2-Nitrophenol	9.972	139	20939	22.733	ng/u1	90
26) 2,4-Dimethylphenol	10.030	107	48425	22.059	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.259	93	42189	20.242	ng/u1	98
29) 2,4-Dichlorophenol	10.512	162	36586	21.025	ng/u1	94
30) Naphthalene	10.917	128	120882	21.602	ng/u1	98
32) 4-Chloroaniline	11.029	127	49590	21.014	ng/u1	97
33) Hexachlorobutadiene	11.199	225	28600	21.497	ng/u1	91
34) Caprolactam	11.775	113	11497m	19.426	ng/u1	
35) 4-Chloro-3-methylphenol	12.145	107	42874	21.897	ng/u1	92
36) 2-Methylnaphthalene	12.521	142	87359	21.330	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.744	142	87443	21.129	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.891	216	49275	20.939	ng/ul	100
40) Hexachlorocyclopentadiene	12.874	237	25959	18.307	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.126	196	31620	21.865	ng/ul#	80
42) 2,4,5-Trichlorophenol	13.208	196	35207	22.796	ng/ul	95
43) 1,1'-Biphenyl	13.526	154	114164	20.248	ng/ul	98
44) 2-Chloronaphthalene	13.573	162	92583	21.102	ng/ul	96
45) 2-Nitroaniline	13.772	65	34483	22.147	ng/ul	97
47) Dimethylphthalate	14.142	163	121484	20.597	ng/ul	99
48) 2,6-Dinitrotoluene	14.266	165	26618	22.613	ng/ul#	92
50) Acenaphthylene	14.419	152	139512	20.738	ng/ul	98
51) 3-Nitroaniline	14.595	138	24459	20.834	ng/ul#	87
52) Acenaphthene	14.759	153	101585	21.054	ng/ul	95
53) 2,4-Dinitrophenol	14.806	184	11572	19.732	ng/ul#	71
55) 4-Nitrophenol	14.906	109	26196	19.342	ng/ul	96
56) Dibenzofuran	15.094	168	138686	21.287	ng/ul	98
57) 2,4-Dinitrotoluene	15.053	165	38386	23.006	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.323	232	30298	21.618	ng/ul#	94
59) Diethylphthalate	15.505	149	123736	20.270	ng/ul	98
61) Fluorene	15.740	166	119115	21.536	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.734	204	62677	21.769	ng/ul	92
63) 4-Nitroaniline	15.758	138	24257	20.836	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.823	198	19750	19.385	ng/ul#	90
67) N-Nitrosodiphenylamine	15.946	169	97688	20.869	ng/ul	97
68) 4-Bromophenyl-phenylether	16.633	248	42071	21.154	ng/ul	90
69) Hexachlorobenzene	16.757	284	47747	21.219	ng/ul	93
70) Atrazine	16.892	200	43714	20.447	ng/ul	96
71) Pentachlorophenol	17.097	266	20649	19.819	ng/ul#	91
72) Phenanthrene	17.491	178	189455	20.375	ng/ul	97
74) Anthracene	17.579	178	192483	20.428	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.496	216	50686	20.884	ng/ul	96
76) Pentachlorobenzene	15.018	250	56436	21.978	ng/ul	91
77) Carbazole	17.849	167	165944	19.699	ng/ul	98
78) Di-n-butylphthalate	18.401	149	208859	19.938	ng/ul	99
80) Fluoranthene	19.500	202	223818	22.187	ng/ul#	97
82) Pyrene	19.864	202	226341	22.598	ng/ul	100
83) Butylbenzylphthalate	20.739	149	88548	22.708	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.621	252	82200	22.018	ng/ul	99
85) Benzo(a)anthracene	21.709	228	214341	21.577	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.603	149	124116	21.448	ng/ul	98
87) Chrysene	21.773	228	204605	21.519	ng/ul	98
89) Di-n-octyl phthalate	22.831	149	211675	21.786	ng/ul	100
90) Benzo(b)fluoranthene	23.959	252	226072	21.822	ng/ul	98
91) Benzo(k)fluoranthene	24.035	252	211489m	20.859	ng/ul	
93) Benzo(a)pyrene	24.851	252	196216	21.832	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.758	276	253944	22.144	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.823	278	209959	22.125	ng/ul	95
96) Benzo(g,h,i)perylene	29.915	276	208090m	21.826	ng/ul	

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

