

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049392.D
 Acq On : 17 Jul 2021 1:03
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020218

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:55 AM

Quant Time: Jul 17 01:59:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 17 00:57:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	31469	20.000	ng/ul	0.00
20) Naphthalene-d8	10.882	136	130570	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.713	164	93697	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	215375	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.746	240	216296	20.000	ng/ul	0.00
88) Perylene-d12	25.030	264	225904	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4449	6.650	ng/uL	0.00
4) Pyridine-d5	3.867	84	31743	16.137	ng/ul	0.00
7) Phenol-d5	7.216	99	52641	19.231	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.386	67	29700	18.707	ng/ul	0.00
11) 2-Chlorophenol-d4	7.592	132	39791	19.668	ng/ul	0.00
15) 4-Methylphenol-d8	8.767	113	43189	19.692	ng/ul	0.00
21) Nitrobenzene-d5	9.231	128	19829	19.791	ng/ul	0.00
24) 2-Nitrophenol-d4	9.954	143	23312	20.268	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.506	165	47927	21.355	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	58577	20.029	ng/ul	0.00
46) Dimethylphthalate-d6	14.108	166	145656	20.214	ng/ul	0.00
49) Acenaphthylene-d8	14.402	160	170837	20.206	ng/ul	0.00
54) 4-Nitrophenol-d4	14.907	143	21811	18.287	ng/ul	0.00
60) Fluorene-d10	15.706	176	124356	20.383	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	24769	18.093	ng/ul	0.00
73) Anthracene-d10	17.563	188	197603	20.152	ng/ul	0.00
81) Pyrene-d10	19.848	212	233479	21.061	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.801	264	239982	20.436	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.479	88	5524	6.780	ng/uL#	80
5) Pyridine	3.890	79	35728m	16.372	ng/ul	
6) Benzaldehyde	7.192	77	38183m	23.187	ng/ul	
8) Phenol	7.245	94	52638	19.228	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.474	93	37222	18.287	ng/ul	87
12) 2-Chlorophenol	7.621	128	40762	19.961	ng/ul	93
13) 2-Methylphenol	8.503	108	39637	19.008	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.591	45	65317	19.950	ng/ul	98
16) Acetophenone	8.890	105	69700	19.373	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.867	70	35002	19.147	ng/ul#	95
18) 4-Methylphenol	8.832	108	42928	19.788	ng/ul	89
19) Hexachloroethane	9.155	117	18540	20.052	ng/ul#	73
22) Nitrobenzene	9.272	77	56560	20.017	ng/ul	96
23) Isophorone	9.795	82	96870	19.846	ng/ul#	94
25) 2-Nitrophenol	9.989	139	23953	20.413	ng/ul	96
26) 2,4-Dimethylphenol	10.042	107	52399	20.167	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.277	93	51166	19.662	ng/ul	99
29) 2,4-Dichlorophenol	10.524	162	41870	20.418	ng/ul	97
30) Naphthalene	10.935	128	133343	20.483	ng/ul	98
32) 4-Chloroaniline	11.041	127	57620	19.983	ng/ul	100
33) Hexachlorobutadiene	11.217	225	34899	20.069	ng/ul	90
34) Caprolactam	11.799	113	12467m	17.476	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	48442	21.147	ng/ul#	91
36) 2-Methylnaphthalene	12.539	142	102541	20.732	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.756	142	101055	20.545	ng/ul#	89
39) 1,2,4,5-Tetrachloroben...	12.903	216	60822	20.667	ng/ul	98
40) Hexachlorocyclopentadiene	12.886	237	42560	21.776	ng/ul	92
41) 2,4,6-Trichlorophenol	13.144	196	38407	20.175	ng/ul	93
42) 2,4,5-Trichlorophenol	13.221	196	40300	19.903	ng/ul	92
43) 1,1'-Biphenyl	13.544	154	131332	20.747	ng/ul	97
44) 2-Chloronaphthalene	13.585	162	101036	20.372	ng/ul	99
45) 2-Nitroaniline	13.790	65	37643	20.702	ng/ul	96
47) Dimethylphthalate	14.155	163	137268	20.523	ng/ul	99
48) 2,6-Dinitrotoluene	14.278	165	29380	20.397	ng/ul	97
50) Acenaphthylene	14.431	152	152383	20.265	ng/ul	98
51) 3-Nitroaniline	14.613	138	28061	21.394	ng/ul	97
52) Acenaphthene	14.778	153	112222	20.550	ng/ul	97
53) 2,4-Dinitrophenol	14.819	184	20604	22.570	ng/ul	93
55) 4-Nitrophenol	14.919	109	29588	19.651	ng/ul	98
56) Dibenzofuran	15.107	168	160595	20.751	ng/ul	97
57) 2,4-Dinitrotoluene	15.065	165	41051	19.749	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.336	232	35522	18.709	ng/ul#	99
59) Diethylphthalate	15.518	149	141377	19.664	ng/ul	98
61) Fluorene	15.759	166	134698	20.565	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.747	204	72896	20.245	ng/ul	99
63) 4-Nitroaniline	15.776	138	27826	21.610	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.835	198	22815	17.513	ng/ul#	99
67) N-Nitrosodiphenylamine	15.959	169	114444	20.871	ng/ul	100
68) 4-Bromophenyl-phenylether	16.646	248	50505	21.025	ng/ul	97
69) Hexachlorobenzene	16.763	284	58355	21.450	ng/ul	95
70) Atrazine	16.904	200	49905	19.886	ng/ul	97
71) Pentachlorophenol	17.110	266	35780	22.036	ng/ul	97
72) Phenanthrene	17.504	178	212542	20.233	ng/ul	99
74) Anthracene	17.592	178	221401	20.632	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.508	216	63130	21.486	ng/ul	96
76) Pentachlorobenzene	15.030	250	67120	21.534	ng/ul	88
77) Carbazole	17.862	167	189829	19.830	ng/ul	98
78) Di-n-butylphthalate	18.414	149	236563	19.751	ng/ul	99
80) Fluoranthene	19.513	202	267203	20.724	ng/ul	100
82) Pyrene	19.877	202	267853	20.850	ng/ul	100
83) Butylbenzylphthalate	20.753	149	104008	20.622	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.634	252	101780	20.140	ng/ul	96
85) Benzo(a)anthracene	21.722	228	272197	20.478	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.622	149	148108	20.134	ng/ul	97
87) Chrysene	21.793	228	253414	20.155	ng/ul	98
89) Di-n-octyl phthalate	22.856	149	248157	19.516	ng/ul	100
90) Benzo(b)fluoranthene	23.984	252	295645	21.214	ng/ul	97
91) Benzo(k)fluoranthene	24.049	252	274313	20.187	ng/ul	99
93) Benzo(a)pyrene	24.877	252	253553	20.674	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.785	276	317665	20.075	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.855	278	267500	20.410	ng/ul#	96
96) Benzo(g,h,i)perylene	29.966	276	262969m	20.100	ng/ul	

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

