

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
 Data File : BG049899.D
 Acq On : 19 Aug 2021 18:57
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020491

Manual Integrations
 APPROVED

mohammad
 8/20/2021 2:23:19 PM

Quant Time: Aug 20 00:56:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 19 13:35:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	24466	20.000	ng/ul	0.00
20) Naphthalene-d8	10.801	136	101908	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.637	164	72709	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	170940	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	172458	20.000	ng/ul	0.00
88) Perylene-d12	24.888	264	171197	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	3747	7.897	ng/uL	0.00
4) Pyridine-d5	3.775	84	26441	18.502	ng/ul	0.00
7) Phenol-d5	7.147	99	38529	18.545	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.300	67	20768	17.993	ng/ul	0.00
11) 2-Chlorophenol-d4	7.511	132	29538	19.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.698	113	29805	18.216	ng/ul	0.00
21) Nitrobenzene-d5	9.150	128	15704	19.877	ng/ul	0.00
24) 2-Nitrophenol-d4	9.873	143	17718	18.834	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	31331	18.672	ng/ul	0.00
31) 4-Chloroaniline-d4	10.936	131	42432	18.579	ng/ul	0.00
46) Dimethylphthalate-d6	14.032	166	111877	20.105	ng/ul	0.00
49) Acenaphthylene-d8	14.325	160	124070	19.016	ng/ul	0.00
54) 4-Nitrophenol-d4	14.848	143	15924	19.779	ng/ul	0.00
60) Fluorene-d10	15.629	176	91699	19.436	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.759	200	20475	18.618	ng/ul	0.00
73) Anthracene-d10	17.486	188	152720	19.896	ng/ul	0.00
81) Pyrene-d10	19.777	212	171254	18.376	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.664	264	173542	19.107	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	4478m	7.742	ng/uL	
5) Pyridine	3.798	79	29783m	19.282	ng/ul	
6) Benzaldehyde	7.112	77	26490	22.157	ng/ul	92
8) Phenol	7.170	94	38522	18.357	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.394	93	26788	18.492	ng/ul	95
12) 2-Chlorophenol	7.540	128	29153	18.979	ng/ul#	83
13) 2-Methylphenol	8.433	108	30148	18.622	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.504	45	29028	19.109	ng/ul	97
16) Acetophenone	8.809	105	51390	19.259	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.786	70	26181	19.540	ng/ul#	96
18) 4-Methylphenol	8.756	108	33318m	19.130	ng/ul	
19) Hexachloroethane	9.062	117	13257	19.720	ng/ul	95
22) Nitrobenzene	9.191	77	39939	18.656	ng/ul	96
23) Isophorone	9.714	82	71455	18.733	ng/ul#	94
25) 2-Nitrophenol	9.902	139	17863	19.530	ng/ul	93
26) 2,4-Dimethylphenol	9.967	107	39044	19.208	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.196	93	37250	18.912	ng/ul	96
29) 2,4-Dichlorophenol	10.448	162	29120	18.908	ng/ul	93
30) Naphthalene	10.848	128	97723	19.185	ng/ul	99
32) 4-Chloroaniline	10.959	127	40386	18.361	ng/ul	96
33) Hexachlorobutadiene	11.130	225	23848	19.141	ng/ul	90
34) Caprolactam	11.723	113	11283m	20.915	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	36932	20.065	ng/ul	91
36) 2-Methylnaphthalene	12.457	142	72230	19.076	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	73767	19.301	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.827	216	41542	19.452	ng/ul#	92
40) Hexachlorocyclopentadiene	12.804	237	15023	15.718	ng/ul	88
41) 2,4,6-Trichlorophenol	13.074	196	25606	18.815	ng/ul	91
42) 2,4,5-Trichlorophenol	13.150	196	26528m	18.598	ng/ul	
43) 1,1'-Biphenyl	13.462	154	96606	19.018	ng/ul	99
44) 2-Chloronaphthalene	13.509	162	75509	18.506	ng/ul	98
45) 2-Nitroaniline	13.714	65	25852	18.662	ng/ul	98
47) Dimethylphthalate	14.079	163	106834	19.400	ng/ul	99
48) 2,6-Dinitrotoluene	14.208	165	23189	20.396	ng/ul	92
50) Acenaphthylene	14.355	152	112879	18.930	ng/ul	99
51) 3-Nitroaniline	14.543	138	21740	19.816	ng/ul#	96
52) Acenaphthene	14.701	153	83140	19.220	ng/ul	90
53) 2,4-Dinitrophenol	14.766	184	9894	17.038	ng/ul#	84
55) 4-Nitrophenol	14.866	109	19950m	19.545	ng/ul	
56) Dibenzofuran	15.036	168	117025	19.536	ng/ul	97
57) 2,4-Dinitrotoluene	15.007	165	32881	20.105	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.265	232	23011	19.468	ng/ul#	93
59) Diethylphthalate	15.442	149	112010	19.882	ng/ul	98
61) Fluorene	15.682	166	95565	18.909	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.671	204	51648	19.315	ng/ul	94
63) 4-Nitroaniline	15.706	138	23851	21.785	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.770	198	18135	18.193	ng/ul#	83
67) N-Nitrosodiphenylamine	15.888	169	86518	19.224	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	37464	19.812	ng/ul	98
69) Hexachlorobenzene	16.693	284	40605	18.596	ng/ul	96
70) Atrazine	16.834	200	40495	20.254	ng/ul	100
71) Pentachlorophenol	17.045	266	16661	18.019	ng/ul	99
72) Phenanthrene	17.427	178	165200	19.386	ng/ul	98
74) Anthracene	17.521	178	171074	19.810	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.432	216	42436	18.503	ng/ul	93
76) Pentachlorobenzene	14.960	250	45786	18.841	ng/ul	95
77) Carbazole	17.791	167	153821	20.017	ng/ul	100
78) Di-n-butylphthalate	18.338	149	196875	20.032	ng/ul	97
80) Fluoranthene	19.442	202	216979	18.867	ng/ul	99
82) Pyrene	19.806	202	209244	18.362	ng/ul	98
83) Butylbenzylphthalate	20.681	149	85378	18.985	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	78664	19.242	ng/ul	98
85) Benzo(a)anthracene	21.639	228	209262	19.474	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	116925	18.932	ng/ul	98
87) Chrysene	21.704	228	189127	18.618	ng/ul	96
89) Di-n-octyl phthalate	22.738	149	195308	19.231	ng/ul	100
90) Benzo(b)fluoranthene	23.860	252	208386	19.029	ng/ul	98
91) Benzo(k)fluoranthene	23.924	252	201631	19.370	ng/ul	98
93) Benzo(a)pyrene	24.729	252	184611	19.412	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.565	276	236221	18.830	ng/ul	96
95) Dibenzo(a,h)anthracene	28.618	278	193576	18.432	ng/ul	99
96) Benzo(g,h,i)perylene	29.722	276	192446	18.247	ng/ul	97

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

