

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
 Data File : BG049893.D
 Acq On : 19 Aug 2021 12:04
 Operator : CG/JU
 Sample : SST08026
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST080426

Manual Integrations
 APPROVED

mohammad
 8/20/2021 2:23:08 PM

Quant Time: Aug 19 12:47:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 19 11:48:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	29682	20.000	ng/ul	0.00
20) Naphthalene-d8	10.800	136	121726	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.636	164	82768	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.391	188	183915	20.000	ng/ul	0.00
79) Chrysene-d12	21.668	240	164967	20.000	ng/ul	0.01
88) Perylene-d12	24.893	264	162236	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	19949	35.267	ng/uL	0.00
4) Pyridine-d5	3.768	84	150409	88.685	ng/ul	0.00
7) Phenol-d5	7.152	99	210283	81.612	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	113109m	78.342	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	155269	81.322	ng/ul	0.00
15) 4-Methylphenol-d8	8.709	113	164818	81.426	ng/ul	0.01
21) Nitrobenzene-d5	9.155	128	79556	84.599	ng/ul	0.00
24) 2-Nitrophenol-d4	9.878	143	96090	84.911	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.430	165	172322	86.259	ng/ul	0.00
31) 4-Chloroaniline-d4	10.941	131	219774	80.713	ng/ul	0.00
46) Dimethylphthalate-d6	14.043	166	518162	82.179	ng/ul	0.00
49) Acenaphthylene-d8	14.336	160	610073	82.270	ng/ul	0.00
54) 4-Nitrophenol-d4	14.865	143	79369	94.624	ng/ul	0.01
60) Fluorene-d10	15.635	176	443185	82.140	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.770	200	100777	83.063	ng/ul	0.01
73) Anthracene-d10	17.491	188	657438	80.014	ng/ul	0.00
81) Pyrene-d10	19.782	212	731518	80.872	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.681	264	702060	83.022	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	21346	34.765	ng/uL#	93
5) Pyridine	3.786	79	154207	85.821	ng/ul	98
6) Benzaldehyde	7.117	77	118538	82.738	ng/ul	97
8) Phenol	7.181	94	207191	81.981	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.399	93	142223	79.814	ng/ul	97
12) 2-Chlorophenol	7.546	128	156350	83.888	ng/ul#	87
13) 2-Methylphenol	8.433	108	162165	81.424	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.515	45	152722	79.513	ng/ul	99
16) Acetophenone	8.814	105	259091	79.642	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.803	70	132108	77.853	ng/ul	99
18) 4-Methylphenol	8.773	108	169394	79.596	ng/ul	83
19) Hexachloroethane	9.067	117	67168	77.899	ng/ul	95
22) Nitrobenzene	9.196	77	215277	83.590	ng/ul	99
23) Isophorone	9.731	82	371934	80.776	ng/ul	97
25) 2-Nitrophenol	9.913	139	93997	85.912	ng/ul	99
26) 2,4-Dimethylphenol	9.972	107	204702	81.336	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.201	93	194212	81.099	ng/ul	99
29) 2,4-Dichlorophenol	10.453	162	162512	87.049	ng/ul	98
30) Naphthalene	10.853	128	495446	80.641	ng/ul	98
32) 4-Chloroaniline	10.965	127	213446	80.616	ng/ul	92
33) Hexachlorobutadiene	11.135	225	121596	77.899	ng/ul	94
34) Caprolactam	11.758	113	52207m	81.796	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	188763	84.284	ng/ul	99
36) 2-Methylnaphthalene	12.462	142	376659	81.145	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	372010	80.555	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	211134	81.879	ng/ul#	96
40) Hexachlorocyclopentadiene	12.803	237	97626	109.465	ng/ul	97
41) 2,4,6-Trichlorophenol	13.073	196	136016	85.589	ng/ul	90
42) 2,4,5-Trichlorophenol	13.156	196	142349	90.156	ng/ul	92
43) 1,1'-Biphenyl	13.473	154	474764	80.621	ng/ul	98
44) 2-Chloronaphthalene	13.514	162	380683	82.203	ng/ul	99
45) 2-Nitroaniline	13.725	65	132913	82.817	ng/ul	90
47) Dimethylphthalate	14.090	163	490659	79.974	ng/ul	98
48) 2,6-Dinitrotoluene	14.219	165	107369	84.592	ng/ul	92
50) Acenaphthylene	14.366	152	548039	80.293	ng/ul	96
51) 3-Nitroaniline	14.554	138	98229	83.751	ng/ul	92
52) Acenaphthene	14.707	153	402262	81.546	ng/ul	97
53) 2,4-Dinitrophenol	14.765	184	62453	92.364	ng/ul	94
55) 4-Nitrophenol	14.883	109	99352	91.774	ng/ul	91
56) Dibenzofuran	15.041	168	546412	81.454	ng/ul	96
57) 2,4-Dinitrotoluene	15.012	165	154794	83.574	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.270	232	123562	94.536	ng/ul#	96
59) Diethylphthalate	15.453	149	509702	80.951	ng/ul	95
61) Fluorene	15.693	166	459495	80.794	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.676	204	246632	81.960	ng/ul	99
63) 4-Nitroaniline	15.723	138	95640	82.915	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.782	198	88195	80.089	ng/ul	90
67) N-Nitrosodiphenylamine	15.893	169	393033	79.288	ng/ul	98
68) 4-Bromophenyl-phenylether	16.575	248	173818	84.087	ng/ul	99
69) Hexachlorobenzene	16.698	284	197289	84.773	ng/ul	96
70) Atrazine	16.845	200	164456	77.023	ng/ul	98
71) Pentachlorophenol	17.050	266	82605	100.893	ng/ul	98
72) Phenanthrene	17.438	178	733259	80.080	ng/ul	98
74) Anthracene	17.532	178	722622	78.248	ng/ul#	93
75) 1,2,3,4-Tetrachloroben...	13.438	216	215231	82.556	ng/ul	92
76) Pentachlorobenzene	14.965	250	220777	80.904	ng/ul	94
77) Carbazole	17.796	167	651281	79.443	ng/ul	99
78) Di-n-butylphthalate	18.343	149	818847	78.024	ng/ul	98
80) Fluoranthene	19.447	202	909887	81.455	ng/ul	98
82) Pyrene	19.811	202	862273	78.468	ng/ul	99
83) Butylbenzylphthalate	20.687	149	354833	81.114	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.556	252	309425	77.818	ng/ul	98
85) Benzo(a)anthracene	21.644	228	826446	79.586	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	482682	79.512	ng/ul	100
87) Chrysene	21.715	228	779714	79.830	ng/ul	95
89) Di-n-octyl phthalate	22.743	149	780269	81.533	ng/ul	100
90) Benzo(b)fluoranthene	23.871	252	870443	86.053	ng/ul	99
91) Benzo(k)fluoranthene	23.941	252	791388	79.200	ng/ul	99
93) Benzo(a)pyrene	24.752	252	738610	83.292	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.605	276	965518	83.088	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.670	278	796382	81.344	ng/ul	98
96) Benzo(g,h,i)perylene	29.768	276	795877	81.994	ng/ul	95

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

