

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100520\
 Data File : BG046783.D
 Acq On : 5 Oct 2020 10:03
 Operator : CG/JU
 Sample : SSTDCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020008

Manual Integrations
 APPROVED

mohammad
 10/6/2020 3:22:22 PM

Quant Time: Oct 05 11:24:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 11:23:35 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	68306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.924	136	282122	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.732	164	199117	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.476	188	478053	20.00	ng/ul	0.00
78) Chrysene-d12	21.753	240	547550	20.00	ng/ul	0.00
86) Perylene-d12	25.026	264	561906	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.533	96	10243	7.03	ng/uL	0.00
5) Phenol-d5	7.258	99	104546	18.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.428	67	61937	17.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.640	132	77271	18.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.803	113	81042	17.96	ng/ul	0.00
19) Nitrobenzene-d5	9.268	128	38597	21.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.996	143	41614	21.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.537	165	89474	18.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.048	131	104789	17.74	ng/ul	0.00
44) Dimethylphthalate-d6	14.132	166	255571	16.97	ng/ul	0.00
47) Acenaphthylene-d8	14.426	160	306077	16.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.908	143	45563	18.99	ng/ul	0.00
58) Fluorene-d10	15.725	176	237343	16.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.830	200	40236	18.62	ng/ul	0.00
71) Anthracene-d10	17.575	188	374697	17.09	ng/ul	0.00
79) Pyrene-d10	19.855	212	489316	17.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.802	264	523920	17.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.574	88	12663	7.59	ng/uL	98
4) Benzaldehyde	7.246	77	77250	18.95	ng/ul	90
6) Phenol	7.282	94	111545	18.39	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.523	93	83518	17.71	ng/ul	96
10) 2-Chlorophenol	7.669	128	81172	18.98	ng/ul	95
11) 2-Methylphenol	8.539	108	81129	17.93	ng/ul	99
12) 2,2'-oxybis(1-Chloropr...	8.639	45	127529	17.06	ng/ul#	95
14) Acetophenone	8.933	105	130691	17.68	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.915	70	69719	17.07	ng/ul	97
16) 4-Methylphenol	8.868	108	83926	17.71	ng/ul	99
17) Hexachloroethane	9.203	117	36743	19.01	ng/ul	92
20) Nitrobenzene	9.315	77	108768	20.57	ng/ul	96
21) Isophorone	9.837	82	192379	16.30	ng/ul	99
23) 2-Nitrophenol	10.025	139	45425	21.48	ng/ul	97
24) 2,4-Dimethylphenol	10.078	107	101639	17.83	ng/ul	96
25) Bis(2-Chloroethoxy)met...	10.319	93	111149	16.35	ng/ul#	96
27) 2,4-Dichlorophenol	10.560	162	86282	18.39	ng/ul	97
28) Naphthalene	10.971	128	264480	17.03	ng/ul	99
30) 4-Chloroaniline	11.071	127	102930	18.12	ng/ul	94
31) Hexachlorobutadiene	11.259	225	73491	17.53	ng/ul	97
32) Caprolactam	11.823	113	29000m	17.34	ng/ul	
33) 4-Chloro-3-methylphenol	12.182	107	91151	17.43	ng/ul	99
34) 2-Methylnaphthalene	12.570	142	191383	16.73	ng/ul	98
35) 1-Methylnaphthalene	12.787	142	188165	16.97	ng/ul	99
37) 1,2,4,5-Tetrachloroben...	12.934	216	124684	17.03	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.916	237	63694	13.62	ng/ul#	87
39) 2,4,6-Trichlorophenol	13.169	196	78607	18.98	ng/ul#	93
40) 2,4,5-Trichlorophenol	13.239	196	82244	18.92	ng/ul	91
41) 1,1'-Biphenyl	13.568	154	259545	16.81	ng/ul	98
42) 2-Chloronaphthalene	13.615	162	208821	17.04	ng/ul	98
43) 2-Nitroaniline	13.803	65	62957	22.33	ng/ul	92
45) Dimethylphthalate	14.179	163	258889	16.65	ng/ul#	99
46) 2,6-Dinitrotoluene	14.297	165	53621	21.73	ng/ul	98
48) Acenaphthylene	14.456	152	307672	17.07	ng/ul	97
49) 3-Nitroaniline	14.626	138	51456	20.89	ng/ul#	97
50) Acenaphthene	14.796	153	215151	16.86	ng/ul	97
51) 2,4-Dinitrophenol	14.832	184	26796	18.56	ng/ul	88
53) 4-Nitrophenol	14.920	109	49446	20.89	ng/ul	87
54) Dibenzofuran	15.131	168	322344	17.22	ng/ul	97
55) 2,4-Dinitrotoluene	15.084	165	76733	22.82	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.349	232	79651	19.49	ng/ul	95
57) Diethylphthalate	15.543	149	259409	16.87	ng/ul	97
59) Fluorene	15.778	166	261616	16.97	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.772	204	146397	16.82	ng/ul	98
61) 4-Nitroaniline	15.783	138	58605	20.79	ng/ul#	81
64) 4,6-Dinitro-2-methylph...	15.842	198	44110	18.58	ng/ul#	89
65) N-Nitrosodiphenylamine	15.977	169	227324	16.55	ng/ul	97
66) 4-Bromophenyl-phenylether	16.665	248	100119	16.72	ng/ul	94
67) Hexachlorobenzene	16.782	284	107827	22.02	ng/ul	98
68) Atrazine	16.923	200	100772	17.87	ng/ul	96
69) Pentachlorophenol	17.123	266	66435	18.43	ng/ul#	91
70) Phenanthrene	17.517	178	445402	16.99	ng/ul	97
72) Anthracene	17.611	178	459311	17.39	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.539	216	123970	16.70	ng/uL	95
74) Pentachlorobenzene	15.049	250	123829	16.26	ng/uL	96
75) Carbazole	17.875	167	393618	18.51	ng/ul	98
76) Di-n-butylphthalate	18.433	149	462547	17.83	ng/ul	98
77) Fluoranthene	19.520	202	603166	18.27	ng/ul	99
80) Pyrene	19.884	202	609812	17.30	ng/ul	97
81) Butylbenzylphthalate	20.766	149	224664	18.14	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.641	252	230614	18.36	ng/ul	99
83) Benzo(a)anthracene	21.735	228	636990	17.64	ng/ul	97
84) Bis(2-ethylhexyl)phtha...	21.641	149	323415	17.75	ng/ul	94
85) Chrysene	21.800	228	612405	17.55	ng/ul	97
87) Di-n-octyl phthalate	22.875	149	570679	18.33	ng/ul	100
88) Benzo(b)fluoranthene	23.986	252	649075	17.46	ng/ul	99
89) Benzo(k)fluoranthene	24.056	252	620716	17.07	ng/ul	99
91) Benzo(a)pyrene	24.873	252	575477	16.84	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	28.768	276	719232m	17.34	ng/ul	
93) Dibenzo(a,h)anthracene	28.827	278	606089	17.62	ng/ul	98
94) Benzo(g,h,i)perylene	29.920	276	589308	17.04	ng/ul	99

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

