

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111820\
 Data File : BG047344.D
 Acq On : 18 Nov 2020 18:06
 Operator : CG/JU
 Sample : SST08006
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST080061

Manual Integrations
 APPROVED

mohammad
 11/20/2020 11:29:06 AM

Quant Time: Nov 19 03:42:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 03:08:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	39012	20.00	ng/ul	0.00
20) Naphthalene-d8	11.11	136	160939	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.89	164	123337	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	311082	20.00	ng/ul	0.00
79) Chrysene-d12	21.91	240	289071	20.00	ng/ul	0.00
88) Perylene-d12	25.31	264	311192	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	30282m	34.04	ng/uL	0.00
4) Pyridine-d5	4.04	84	250033	88.23	ng/ul	0.00
7) Phenol-d5	7.40	99	306788	82.52	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	169422	70.46	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	205091	75.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.97	113	233642	77.54	ng/ul	0.02
21) Nitrobenzene-d5	9.45	128	103413	79.20	ng/ul	0.00
24) 2-Nitrophenol-d4	10.17	143	119562	81.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.71	165	256847	91.52	ng/ul	0.00
31) 4-Chloroaniline-d4	11.23	131	305967	79.81	ng/ul	0.00
46) Dimethylphthalate-d6	14.28	166	770805	75.96	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	902340	73.89	ng/ul	0.00
54) 4-Nitrophenol-d4	15.05	143	124265	67.91	ng/ul	0.00
60) Fluorene-d10	15.87	176	710690	81.93	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.98	200	142800	70.37	ng/ul	0.00
73) Anthracene-d10	17.72	188	1108089	71.63	ng/ul	0.00
81) Pyrene-d10	19.98	212	1252182	68.93	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.08	264	1334165	78.92	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.64	88	30607m	32.365	ng/uL
5) Pyridine	4.06	79	238564	83.576	ng/ul
6) Benzaldehyde	7.40	77	156171	89.075	ng/ul
8) Phenol	7.43	94	295693	77.836	ng/ul
10) Bis(2-Chloroethyl)ether	7.68	93	211536	68.458	ng/ul
12) 2-Chlorophenol	7.83	128	200704	71.818	ng/ul
13) 2-Methylphenol	8.70	108	225961	78.605	ng/ul
14) 2,2'-oxybis(1-Chloropropan	8.80	45	233333	47.349	ng/ul
16) Acetophenone	9.10	105	371726	75.171	ng/ul
17) N-Nitroso-di-n-propylamine	9.10	70	223342	80.060	ng/ul#
18) 4-Methylphenol	9.04	108	238418	76.709	ng/ul
19) Hexachloroethane	9.38	117	93393	68.321	ng/ul#
22) Nitrobenzene	9.49	77	329108	82.745	ng/ul
23) Isophorone	10.02	82	627982	85.716	ng/ul
25) 2-Nitrophenol	10.20	139	124918	79.915	ng/ul
26) 2,4-Dimethylphenol	10.25	107	299759	83.535	ng/ul
27) Bis(2-Chloroethoxy)methane	10.49	93	304518	72.864	ng/ul
29) 2,4-Dichlorophenol	10.73	162	229433	84.164	ng/ul
30) Naphthalene	11.16	128	690432	77.031	ng/ul
32) 4-Chloroaniline	11.25	127	292516	78.105	ng/ul
33) Hexachlorobutadiene	11.44	225	212029	106.210	ng/ul
34) Caprolactam	12.02	113	88124m	92.544	ng/ul

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35) 4-Chloro-3-methylphenol	12.34	107	286973	86.313	ng/ul	94
36) 2-Methylnaphthalene	12.74	142	519569	80.381	ng/ul	98
37) 1-Methylnaphthalene	12.96	142	499630	80.851	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	360800	85.941	ng/ul	99
40) Hexachlorocyclopentadiene	13.08	237	260510	91.566	ng/ul	95
41) 2,4,6-Trichlorophenol	13.33	196	239862	86.718	ng/ul	95
42) 2,4,5-Trichlorophenol	13.40	196	249058	83.425	ng/ul	95
43) 1,1'-Biphenyl	13.73	154	700224	68.944	ng/ul	97
44) 2-Chloronaphthalene	13.78	162	552626	68.258	ng/ul	96
45) 2-Nitroaniline	13.96	65	215358	73.660	ng/ul	92
47) Dimethylphthalate	14.34	163	780560	74.306	ng/ul	100
48) 2,6-Dinitrotoluene	14.45	165	167836	79.302	ng/ul	91
50) Acenaphthylene	14.61	152	830239	69.406	ng/ul	100
51) 3-Nitroaniline	14.78	138	131134	69.096	ng/ul#	94
52) Acenaphthene	14.95	153	602909	71.449	ng/ul	93
53) 2,4-Dinitrophenol	14.98	184	92449	75.021	ng/ul	91
55) 4-Nitrophenol	15.07	109	177819	86.259	ng/ul	99
56) Dibenzofuran	15.28	168	846823	71.928	ng/ul	97
57) 2,4-Dinitrotoluene	15.23	165	232831	78.109	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	244797	96.505	ng/ul	95
59) Diethylphthalate	15.69	149	789473	72.625	ng/ul	97
61) Fluorene	15.93	166	726395	74.046	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.92	204	442800	88.143	ng/ul	97
63) 4-Nitroaniline	15.93	138	132117	72.193	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.99	198	152461	71.317	ng/ul	99
67) N-Nitrosodiphenylamine	16.12	169	665554	68.154	ng/ul	96
68) 4-Bromophenyl-phenylether	16.81	248	303413	84.754	ng/ul	98
69) Hexachlorobenzene	16.93	284	320305	81.531	ng/ul	99
70) Atrazine	17.06	200	300687	78.069	ng/ul	95
71) Pentachlorophenol	17.26	266	188793	77.481	ng/ul	98
72) Phenanthrene	17.67	178	1238358	67.496	ng/ul	95
74) Anthracene	17.76	178	1217506	64.895	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.70	216	382435	76.950	ng/uL	99
76) Pentachlorobenzene	15.20	250	370589	77.303	ng/uL	93
77) Carbazole	18.01	167	1030811	65.147	ng/ul	94
78) Di-n-butylphthalate	18.57	149	1278840	59.288	ng/ul	97
80) Fluoranthene	19.65	202	1575697	65.982	ng/ul	99
82) Pyrene	20.01	202	1511805	62.813	ng/ul#	97
83) Butylbenzylphthalate	20.89	149	575992	55.195	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.79	252	585393	99.497	ng/ul	96
85) Benzo(a)anthracene	21.89	228	1538069	75.741	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.78	149	802236	55.746	ng/ul	95
87) Chrysene	21.96	228	1453833	74.684	ng/ul	94
89) Di-n-octyl phthalate	23.07	149	1355949	46.767	ng/ul	100
90) Benzo(b)fluoranthene	24.23	252	1662518	76.344	ng/ul	96
91) Benzo(k)fluoranthene	24.30	252	1593502	78.179	ng/ul	100
93) Benzo(a)pyrene	25.16	252	1463922	76.657	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.22	276	1822885	84.239	ng/ul	98
95) Dibenzo(a,h)anthracene	29.31	278	1481592	81.594	ng/ul	98
96) Benzo(g,h,i)perylene	30.47	276	1516998m	85.734	ng/ul	

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

