

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
 Data File : BG047712.D
 Acq On : 11 Dec 2020 12:12
 Operator : CG/JU
 Sample : SSTD04006
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040006

Manual Integrations
 APPROVED

mohammad
 12/14/2020 2:44:01 PM

Quant Time: Dec 11 13:34:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 12:42:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26202	20.00	ng/ul	0.00
20) Naphthalene-d8	11.04	136	94323	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	74053	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	184160	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	185963	20.00	ng/ul	0.00
88) Perylene-d12	25.20	264	199237	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	7923	14.50	ng/uL	0.00
4) Pyridine-d5	3.96	84	67020	39.68	ng/ul	0.00
7) Phenol-d5	7.34	99	84958	37.41	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	45216	37.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	64974	38.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	64244	35.96	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	31617	40.25	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	38046	39.69	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	79346	41.87	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	88982	39.55	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	242519	38.55	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	272852	37.83	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	36776	40.13	ng/ul	0.00
60) Fluorene-d10	15.81	176	220372	38.35	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.93	200	51782	43.63	ng/ul	0.00
73) Anthracene-d10	17.66	188	358142m	40.10	ng/ul	0.00
81) Pyrene-d10	19.93	212	424018	36.85	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.97	264	456696	40.70	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.56	88	9408	16.608	ng/uL# 86
5) Pyridine	3.97	79	64699	38.570	ng/ul 87
6) Benzaldehyde	7.33	77	45536	47.733	ng/ul 91
8) Phenol	7.38	94	84864	38.911	ng/ul# 86
10) Bis(2-Chloroethyl)ether	7.61	93	60177	39.361	ng/ul 90
12) 2-Chlorophenol	7.76	128	62380	37.051	ng/ul 95
13) 2-Methylphenol	8.64	108	64220	36.863	ng/ul 89
14) 2,2'-oxybis(1-Chloropropan	8.73	45	55570	38.928	ng/ul# 92
16) Acetophenone	9.03	105	108625	37.432	ng/ul 93
17) N-Nitroso-di-n-propylamine	9.01	70	60560	38.374	ng/ul# 96
18) 4-Methylphenol	8.97	108	70911	38.925	ng/ul 96
19) Hexachloroethane	9.30	117	32133	40.199	ng/ul 91
22) Nitrobenzene	9.42	77	94621	39.712	ng/ul# 87
23) Isophorone	9.94	82	167456	39.971	ng/ul 96
25) 2-Nitrophenol	10.13	139	39708	41.309	ng/ul 93
26) 2,4-Dimethylphenol	10.19	107	90801	40.477	ng/ul 93
27) Bis(2-Chloroethoxy)methane	10.42	93	75575	39.829	ng/ul 93
29) 2,4-Dichlorophenol	10.67	162	70497	40.351	ng/ul# 86
30) Naphthalene	11.08	128	208729	39.882	ng/ul 97
32) 4-Chloroaniline	11.18	127	83778	39.469	ng/ul 100
33) Hexachlorobutadiene	11.37	225	74100	41.327	ng/ul 91
34) Caprolactam	11.94	113	22850m	38.651	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	80281	40.354	ng/ul#	83
36) 2-Methylnaphthalene	12.68	142	163185	41.055	ng/ul	95
37) 1-Methylnaphthalene	12.89	142	155499	40.737	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	119039	39.495	ng/ul	95
40) Hexachlorocyclopentadiene	13.01	237	79309	39.097	ng/ul	99
41) 2,4,6-Trichlorophenol	13.26	196	74136	39.462	ng/ul	97
42) 2,4,5-Trichlorophenol	13.34	196	77031	37.497	ng/ul	99
43) 1,1'-Biphenyl	13.67	154	221636	38.552	ng/ul	94
44) 2-Chloronaphthalene	13.72	162	177134	38.265	ng/ul	97
45) 2-Nitroaniline	13.90	65	63153	39.729	ng/ul	99
47) Dimethylphthalate	14.27	163	246063	37.650	ng/ul	98
48) 2,6-Dinitrotoluene	14.39	165	52793	38.624	ng/ul	93
50) Acenaphthylene	14.56	152	257785	38.023	ng/ul	97
51) 3-Nitroaniline	14.72	138	39428	42.767	ng/ul	82
52) Acenaphthene	14.89	153	183290	37.256	ng/ul	93
53) 2,4-Dinitrophenol	14.93	184	31001	41.014	ng/ul#	77
55) 4-Nitrophenol	15.02	109	62540	39.351	ng/ul	98
56) Dibenzofuran	15.23	168	269373	37.741	ng/ul	98
57) 2,4-Dinitrotoluene	15.18	165	72637	37.200	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.44	232	72951	38.636	ng/ul#	91
59) Diethylphthalate	15.63	149	239212	37.570	ng/ul	97
61) Fluorene	15.87	166	229691	38.086	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.86	204	141983	38.463	ng/ul	96
63) 4-Nitroaniline	15.88	138	40135	43.768	ng/ul#	82
66) 4,6-Dinitro-2-methylphenol	15.94	198	53281	42.484	ng/ul#	97
67) N-Nitrosodiphenylamine	16.07	169	202984	40.061	ng/ul	97
68) 4-Bromophenyl-phenylether	16.75	248	98278	40.866	ng/ul	93
69) Hexachlorobenzene	16.87	284	105381	41.142	ng/ul	93
70) Atrazine	17.00	200	95846	40.378	ng/ul	94
71) Pentachlorophenol	17.21	266	50840	41.493	ng/ul	87
72) Phenanthrene	17.61	178	397633	40.237	ng/ul	99
74) Anthracene	17.70	178	404099	40.834	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	125476	41.972	ng/uL	95
76) Pentachlorobenzene	15.14	250	119225	40.022	ng/uL	97
77) Carbazole	17.96	167	327913	41.453	ng/ul	100
78) Di-n-butylphthalate	18.50	149	397970	41.472	ng/ul	97
80) Fluoranthene	19.60	202	545122	38.803	ng/ul#	99
82) Pyrene	19.96	202	524897	38.188	ng/ul	98
83) Butylbenzylphthalate	20.83	149	181057	39.474	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.72	252	192538	44.281	ng/ul	94
85) Benzo(a)anthracene	21.82	228	527430	39.953	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	253835	40.744	ng/ul	92
87) Chrysene	21.89	228	504699	40.340	ng/ul	97
89) Di-n-octyl phthalate	22.96	149	425119	40.915	ng/ul	100
90) Benzo(b)fluoranthene	24.13	252	558563	40.519	ng/ul	100
91) Benzo(k)fluoranthene	24.19	252	547541	40.597	ng/ul	99
93) Benzo(a)pyrene	25.04	252	494878	40.027	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.05	276	612007	40.904	ng/ul	97
95) Dibenzo(a,h)anthracene	29.11	278	507713	40.595	ng/ul	97
96) Benzo(g,h,i)perylene	30.26	276	510680	41.652	ng/ul	93

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

