

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021321\
 Data File : BG048154.D
 Acq On : 12 Feb 2021 18:47
 Operator : CG/JU
 Sample : SSTD04029
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04029

Manual Integrations
 APPROVED

mohammad
 2/15/2021 11:32:14 AM

Quant Time: Feb 12 23:06:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 12 22:47:29 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	195325	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	144492	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	364659	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	380461	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	385511	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	19126	20.37	ng/uL	-0.01
5) Phenol-d5	7.25	99	165016	38.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	99798	45.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	116385	35.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	130575	38.43	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	57170	35.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	71404	37.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	138208	33.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	152504	39.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	421051	33.55	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	512736	35.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	74262	39.90	ng/ul	0.00
58) Fluorene-d10	15.72	176	376198	32.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	88659	35.92	ng/ul	0.00
71) Anthracene-d10	17.57	188	600432	33.01	ng/ul	0.00
79) Pyrene-d10	19.85	212	742487	33.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	778567	34.58	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.55	88	19518	20.152	ng/uL 92
4) Benzaldehyde	7.24	77	112828	49.675	ng/ul 94
6) Phenol	7.28	94	170017	42.045	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.51	93	127856	45.442	ng/ul 91
10) 2-Chlorophenol	7.66	128	123152	38.536	ng/ul 90
11) 2-Methylphenol	8.54	108	126087	39.227	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.63	45	167275	63.478	ng/ul# 93
14) Acetophenone	8.92	105	209101	39.014	ng/ul# 87
15) N-Nitroso-di-n-propylamine	8.91	70	117894	39.802	ng/ul# 92
16) 4-Methylphenol	8.86	108	129828	37.811	ng/ul 90
17) Hexachloroethane	9.19	117	52984	33.912	ng/ul 96
20) Nitrobenzene	9.30	77	174382	34.602	ng/ul 98
21) Isophorone	9.83	82	314032	36.263	ng/ul 95
23) 2-Nitrophenol	10.02	139	74549	37.974	ng/ul 98
24) 2,4-Dimethylphenol	10.07	107	156407	33.266	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.31	93	174876	44.087	ng/ul 97
27) 2,4-Dichlorophenol	10.56	162	134839	38.251	ng/ul 94
28) Naphthalene	10.97	128	387316	35.559	ng/ul 99
30) 4-Chloroaniline	11.07	127	154971	43.811	ng/ul 95
31) Hexachlorobutadiene	11.25	225	112356	29.188	ng/ul 97
32) Caprolactam	11.83	113	45583m	38.384	ng/ul
33) 4-Chloro-3-methylphenol	12.18	107	146691	34.179	ng/ul 98
34) 2-Methylnaphthalene	12.56	142	290975	34.675	ng/ul 95

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35) 1-Methylnaphthalene	12.78	142	283101	29.099	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	206162	35.903	ng/uL	93
38) Hexachlorocyclopentadiene	12.91	237	135021	33.676	ng/uL	92
39) 2,4,6-Trichlorophenol	13.16	196	134055	35.753	ng/uL	99
40) 2,4,5-Trichlorophenol	13.23	196	143216	36.928	ng/uL	94
41) 1,1'-Biphenyl	13.56	154	390156	35.870	ng/uL	95
42) 2-Chloronaphthalene	13.61	162	323808	36.769	ng/uL	98
43) 2-Nitroaniline	13.80	65	117272	37.265	ng/uL	96
45) Dimethylphthalate	14.18	163	433210	34.074	ng/uL	99
46) 2,6-Dinitrotoluene	14.29	165	93528	34.388	ng/uL	96
48) Acenaphthylene	14.45	152	461163	34.681	ng/uL	99
49) 3-Nitroaniline	14.62	138	85392	46.017	ng/uL	89
50) Acenaphthene	14.79	153	340900	36.272	ng/uL	98
51) 2,4-Dinitrophenol	14.83	184	60193	38.334	ng/uL#	92
53) 4-Nitrophenol	14.92	109	84154	27.469	ng/uL	93
54) Dibenzofuran	15.12	168	501700	36.586	ng/uL	100
55) 2,4-Dinitrotoluene	15.08	165	134509	35.051	ng/uL#	96
56) 2,3,4,6-Tetrachlorophenol	15.34	232	138967	38.303	ng/uL#	97
57) Diethylphthalate	15.53	149	451182	36.359	ng/uL	99
59) Fluorene	15.77	166	399318	34.057	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.76	204	242493	33.092	ng/uL	96
61) 4-Nitroaniline	15.79	138	90351	43.642	ng/uL	95
64) 4,6-Dinitro-2-methylphenol	15.84	198	90184	36.236	ng/uL	96
65) N-Nitrosodiphenylamine	15.97	169	373739	37.182	ng/uL	98
66) 4-Bromophenyl-phenylether	16.66	248	169794	36.106	ng/uL	97
67) Hexachlorobenzene	16.77	284	176914	34.495	ng/uL	94
68) Atrazine	16.92	200	169765	36.454	ng/uL	93
69) Pentachlorophenol	17.11	266	101132	45.606	ng/uL	89
70) Phenanthrene	17.51	178	709530	35.899	ng/uL	98
72) Anthracene	17.60	178	714929	36.289	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	214898	37.609	ng/uL	96
74) Pentachlorobenzene	15.04	250	208125	36.538	ng/uL	96
75) Carbazole	17.87	167	622488	39.621	ng/uL	96
76) Di-n-butylphthalate	18.42	149	747508	37.245	ng/uL	98
77) Fluoranthene	19.51	202	917128	36.469	ng/uL	100
80) Pvrene	19.87	202	890967	32.199	ng/uL	98
81) Butylbenzylphthalate	20.75	149	333635	36.238	ng/uL	99
82) 3,3'-Dichlorobenzidine	21.63	252	335909	38.634	ng/uL#	98
83) Benzo(a)anthracene	21.72	228	915460	33.680	ng/uL	95
84) Bis(2-ethylhexyl)phthalate	21.62	149	475193	36.776	ng/uL	96
85) Chrysene	21.78	228	878823	34.257	ng/uL	96
87) Di-n-octyl phthalate	22.85	149	813897	40.060	ng/uL	100
88) Benzo(b)fluoranthene	23.96	252	943473	35.058	ng/uL	95
89) Benzo(k)fluoranthene	24.03	252	922358	34.584	ng/uL	96
91) Benzo(a)pyrene	24.85	252	831562	34.266	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	28.73	276	1076905m	36.388	ng/uL	
93) Dibenzo(a,h)anthracene	28.79	278	888263	35.808	ng/uL#	96
94) Benzo(a,h,i)perylene	29.89	276	885493	36.444	ng/uL	96

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

