

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047350.D
 Acq On : 19 Nov 2020 11:41
 Operator : CG/JU
 Sample : SSTD02026
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02026

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:24 PM

Quant Time: Nov 19 13:45:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 13:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	37503	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	154488	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	117936	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	298489	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	305886	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	321227	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	7054	7.59	ng/uL	0.00
5) Phenol-d5	7.40	99	73091	22.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	42893	22.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	51072	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	57454	22.12	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	24806	19.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	25954	17.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	61807	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	66922	26.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	195018	20.11	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	226129	19.71	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	30550	20.01	ng/ul	0.00
58) Fluorene-d10	15.87	176	180584	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	30537	14.83	ng/ul	0.00
71) Anthracene-d10	17.72	188	291536	20.15	ng/ul	0.00
79) Pyrene-d10	19.98	212	342545	19.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	355131	20.11	ng/ul	0.00

Target Compounds

				Ovalue
2) 1,4-Dioxane	3.66	88	8913m	8.941 ng/uL
4) Benzaldehyde	7.40	77	47178	21.848 ng/ul
6) Phenol	7.43	94	72271	22.752 ng/ul
8) Bis(2-Chloroethyl)ether	7.67	93	55814	22.423 ng/ul
10) 2-Chlorophenol	7.83	128	51198	20.367 ng/ul
11) 2-Methylphenol	8.70	108	55260	22.684 ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.81	45	57469	15.539 ng/ul
14) Acetophenone	9.10	105	89747	22.623 ng/ul
15) N-Nitroso-di-n-propylamine	9.08	70	53377	24.867 ng/ul
16) 4-Methylphenol	9.03	108	59526	23.265 ng/ul
17) Hexachloroethane	9.37	117	24360	21.007 ng/ul
20) Nitrobenzene	9.48	77	78220	22.372 ng/ul
21) Isophorone	10.01	82	151282	24.025 ng/ul
23) 2-Nitrophenol	10.20	139	29521	19.030 ng/ul
24) 2,4-Dimethylphenol	10.24	107	76422	24.233 ng/ul
25) Bis(2-Chloroethoxy)methane	10.49	93	74342	20.922 ng/ul
27) 2,4-Dichlorophenol	10.73	162	55367	19.889 ng/ul
28) Naphthalene	11.15	128	169269	19.503 ng/ul
30) 4-Chloroaniline	11.24	127	62338	26.039 ng/ul
31) Hexachlorobutadiene	11.43	225	53258	21.806 ng/ul
32) Caprolactam	11.99	113	20867m	22.002 ng/ul
33) 4-Chloro-3-methylphenol	12.33	107	69433	24.259 ng/ul
34) 2-Methylnaphthalene	12.73	142	126362	20.407 ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	148498	20.467	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	90844	19.776	ng/uL	100
38) Hexachlorocyclopentadiene	13.08	237	64775	22.489	ng/uL	100
39) 2,4,6-Trichlorophenol	13.32	196	56095	20.027	ng/uL	100
40) 2,4,5-Trichlorophenol	13.39	196	58323	20.319	ng/uL	100
41) 1,1'-Biphenyl	13.73	154	173174	18.611	ng/uL	100
42) 2-Chloronaphthalene	13.77	162	139990	18.654	ng/uL	100
43) 2-Nitroaniline	13.96	65	51129	22.659	ng/uL	100
45) Dimethylphthalate	14.33	163	202782	20.837	ng/uL	100
46) 2,6-Dinitrotoluene	14.44	165	38729	18.387	ng/uL	100
48) Acenaphthylene	14.61	152	212014	19.754	ng/uL	100
49) 3-Nitroaniline	14.77	138	30601	22.238	ng/uL	100
50) Acenaphthene	14.95	153	148873	19.172	ng/uL	100
51) 2,4-Dinitrophenol	14.97	184	17916	16.453	ng/uL	100
53) 4-Nitrophenol	15.05	109	43644	27.961	ng/uL	100
54) Dibenzofuran	15.28	168	215480	19.069	ng/uL	100
55) 2,4-Dinitrotoluene	15.22	165	52916	18.289	ng/uL	100
56) 2,3,4,6-Tetrachlorophenol	15.49	232	56344	18.696	ng/uL	100
57) Diethylphthalate	15.68	149	196893	20.188	ng/uL	100
59) Fluorene	15.92	166	177687	19.157	ng/uL	100
60) 4-Chlorophenyl-phenylether	15.91	204	109005	20.482	ng/uL	100
61) 4-Nitroaniline	15.92	138	35823	22.469	ng/uL	100
64) 4,6-Dinitro-2-methylphenol	15.98	198	33345	15.713	ng/uL	100
65) N-Nitrosodiphenylamine	16.12	169	164448	19.062	ng/uL	100
66) 4-Bromophenyl-phenylether	16.81	248	74975	18.936	ng/uL	100
67) Hexachlorobenzene	16.92	284	78277	18.679	ng/uL	100
68) Atrazine	17.05	200	75481	20.274	ng/uL	100
69) Pentachlorophenol	17.26	266	45346	18.974	ng/uL	100
70) Phenanthrene	17.66	178	312530	18.668	ng/uL	100
72) Anthracene	17.75	178	318909	18.955	ng/uL	100
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	91575	18.263	ng/uL	100
74) Pentachlorobenzene	15.20	250	89413	18.599	ng/uL	100
75) Carbazole	18.01	167	265746	20.562	ng/uL	100
76) Di-n-butylphthalate	18.56	149	324315	18.810	ng/uL	100
77) Fluoranthene	19.65	202	429420	21.311	ng/uL	100
80) Pvrene	20.01	202	418116	19.975	ng/uL	100
81) Butylbenzylphthalate	20.88	149	147885	19.234	ng/uL	100
82) 3,3'-Dichlorobenzidine	21.78	252	139499	24.923	ng/uL	100
83) Benzo(a)anthracene	21.88	228	417546	20.150	ng/uL	100
84) Bis(2-ethylhexyl)phthalate	21.78	149	207720	19.475	ng/uL	100
85) Chrysene	21.95	228	402561	20.192	ng/uL	100
87) Di-n-octyl phthalate	23.06	149	346784	19.285	ng/uL	100
88) Benzo(b)fluoranthene	24.21	252	425484	19.940	ng/uL	100
89) Benzo(k)fluoranthene	24.28	252	423964	20.504	ng/uL	100
91) Benzo(a)pyrene	25.14	252	382102	19.886	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	29.20	276	463119m	19.394	ng/uL	
93) Dibenzo(a,h)anthracene	29.27	278	379118	19.572	ng/uL	100
94) Benzo(a,h,i)perylene	30.42	276	384988	19.290	ng/uL	100

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

