

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031121\
 Data File : BG048361.D
 Acq On : 11 Mar 2021 15:24
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV007

Manual Integrations
 APPROVED

mohammad
 3/12/2021 12:04:28 PM

Quant Time: Mar 11 16:04:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 11 15:12:16 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44529	20.00	ng/ul	0.00
20) Naphthalene-d8	10.95	136	173641	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.77	164	135029	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	350582	20.00	ng/ul	0.00
79) Chrysene-d12	21.82	240	373161	20.00	ng/ul	0.00
88) Perylene-d12	25.17	264	372541	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	6514	6.34	ng/uL	0.00
4) Pyridine-d5	3.93	84	50261	15.97	ng/ul	0.00
7) Phenol-d5	7.26	99	65168	16.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	41203	17.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.65	132	47561	17.69	ng/ul	0.00
15) 4-Methylphenol-d8	8.82	113	55606	17.52	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	24228	20.15	ng/ul	0.00
24) 2-Nitrophenol-d4	10.02	143	27223	20.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.56	165	60908	18.83	ng/ul	0.00
31) 4-Chloroaniline-d4	11.08	131	71737	17.61	ng/ul	0.00
46) Dimethylphthalate-d6	14.17	166	199501	17.96	ng/ul	0.00
49) Acenaphthylene-d8	14.46	160	220162	18.05	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	31142	18.83	ng/ul	0.00
60) Fluorene-d10	15.76	176	181043	18.47	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	32999	18.42	ng/ul	0.00
73) Anthracene-d10	17.62	188	294968	18.42	ng/ul	0.00
81) Pyrene-d10	19.90	212	350621	18.37	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.94	264	363432	18.00	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.55	88	6965	6.754	ng/uL# 82
5) Pyridine	3.95	79	49934	15.888	ng/ul 93
6) Benzaldehyde	7.26	77	54511	22.314	ng/ul 93
8) Phenol	7.29	94	73468	17.964	ng/ul 90
10) Bis(2-Chloroethyl)ether	7.54	93	54739	18.353	ng/ul 96
12) 2-Chlorophenol	7.69	128	50981	17.867	ng/ul 98
13) 2-Methylphenol	8.56	108	52026	17.004	ng/ul 96
14) 2,2'-oxybis(1-Chloropropan	8.66	45	63102	17.908	ng/ul# 96
16) Acetophenone	8.95	105	93364	17.946	ng/ul 97
17) N-Nitroso-di-n-propylamine	8.93	70	55266	17.917	ng/ul# 89
18) 4-Methylphenol	8.88	108	60830	18.938	ng/ul 99
19) Hexachloroethane	9.22	117	24164	18.173	ng/ul 97
22) Nitrobenzene	9.34	77	77275	19.496	ng/ul 98
23) Isophorone	9.86	82	150012	18.311	ng/ul 99
25) 2-Nitrophenol	10.05	139	29961	19.987	ng/ul# 87
26) 2,4-Dimethylphenol	10.10	107	72544	18.392	ng/ul# 90
27) Bis(2-Chloroethoxy)methane	10.34	93	76755	18.610	ng/ul# 93
29) 2,4-Dichlorophenol	10.58	162	57590	19.060	ng/ul 92
30) Naphthalene	11.00	128	170381	18.567	ng/ul 98
32) 4-Chloroaniline	11.11	127	75043	18.733	ng/ul 99
33) Hexachlorobutadiene	11.29	225	54585	18.992	ng/ul 94
34) Caprolactam	11.85	113	21313m	18.514	ng/ul

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35) 4-Chloro-3-methylphenol	12.21	107	66949	18.892	ng/ul	98
36) 2-Methylnaphthalene	12.60	142	131053	18.515	ng/ul	99
37) 1-Methylnaphthalene	12.82	142	133171	18.996	ng/ul	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	95616	18.602	ng/ul	94
40) Hexachlorocyclopentadiene	12.95	237	65962	17.673	ng/ul	99
41) 2,4,6-Trichlorophenol	13.20	196	58819	18.595	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.27	196	65269	19.223	ng/ul	93
43) 1,1'-Biphenyl	13.60	154	179763	17.991	ng/ul	100
44) 2-Chloronaphthalene	13.65	162	141222	18.044	ng/ul	92
45) 2-Nitroaniline	13.84	65	48920	20.234	ng/ul	96
47) Dimethylphthalate	14.21	163	205071	18.277	ng/ul	99
48) 2,6-Dinitrotoluene	14.33	165	38048	19.800	ng/ul	93
50) Acenaphthylene	14.49	152	210888	18.029	ng/ul	98
51) 3-Nitroaniline	14.66	138	36407	19.706	ng/ul	92
52) Acenaphthene	14.83	153	157447	18.150	ng/ul	97
53) 2,4-Dinitrophenol	14.86	184	22528	17.622	ng/ul#	80
55) 4-Nitrophenol	14.95	109	44159	20.155	ng/ul	93
56) Dibenzofuran	15.16	168	229527	18.627	ng/ul	98
57) 2,4-Dinitrotoluene	15.11	165	56479	20.433	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.38	232	64359	20.052	ng/ul	94
59) Diethylphthalate	15.58	149	209819	18.711	ng/ul	98
61) Fluorene	15.82	166	194969	18.588	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.81	204	115057	18.084	ng/ul	96
63) 4-Nitroaniline	15.82	138	39576	20.574	ng/ul	86
66) 4,6-Dinitro-2-methylphenol	15.88	198	34636	18.413	ng/ul#	99
67) N-Nitrosodiphenylamine	16.02	169	177852	18.315	ng/ul	97
68) 4-Bromophenyl-phenylether	16.70	248	80309	18.011	ng/ul	97
69) Hexachlorobenzene	16.82	284	87385	18.648	ng/ul#	90
70) Atrazine	16.96	200	81863	18.733	ng/ul	97
71) Pentachlorophenol	17.16	266	54657	18.385	ng/ul	98
72) Phenanthrene	17.56	178	328088	18.431	ng/ul	99
74) Anthracene	17.65	178	335108	18.299	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.57	216	98307	17.886	ng/uL	99
76) Pentachlorobenzene	15.08	250	101855	17.691	ng/uL	96
77) Carbazole	17.91	167	288840	18.617	ng/ul	96
78) Di-n-butylphthalate	18.48	149	359352	18.506	ng/ul	99
80) Fluoranthene	19.57	202	439681	18.568	ng/ul	99
82) Pyrene	19.93	202	443331	18.748	ng/ul	98
83) Butylbenzylphthalate	20.82	149	154959	18.323	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.70	252	177289	19.396	ng/ul	98
85) Benzo(a)anthracene	21.79	228	443329	17.981	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.70	149	221408	17.959	ng/ul	99
87) Chrysene	21.86	228	428320	18.168	ng/ul	99
89) Di-n-octyl phthalate	22.97	149	374561	18.471	ng/ul	100
90) Benzo(b)fluoranthene	24.10	252	452008	18.344	ng/ul	98
91) Benzo(k)fluoranthene	24.17	252	444780m	18.368	ng/ul	
93) Benzo(a)pyrene	25.01	252	395420	18.267	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.00	276	510762	18.343	ng/ul	98
95) Dibenzo(a,h)anthracene	29.08	278	415601	18.358	ng/ul	98
96) Benzo(g,h,i)perylene	30.21	276	414563	18.368	ng/ul	96

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

