

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042121\
 Data File : BN014342.D
 Acq On : 20 Apr 2021 15:34
 Operator : CG/JU
 Sample : SSTD02054
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02054

Quant Time: Apr 20 16:06:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042121MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 20 15:28:22 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	158272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	619226	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	361981	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	737539	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	778827	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	804421	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	32499	8.05	ng/uL	0.00
5) Phenol-d5	6.86	99	238424	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	146342	20.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	192597	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	176114	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	93684	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	84950	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	175344	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	147395	14.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	490909	20.50	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	650425	20.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	84931	19.19	ng/ul	0.00
58) Fluorene-d10	15.32	176	430814	20.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	62194	17.77	ng/ul	0.00
71) Anthracene-d10	17.17	188	661849	20.23	ng/ul	0.00
78) Pyrene-d10	19.47	212	738535	20.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	819784	20.61	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	32274	7.872	ng/uL 98
4) Benzaldehyde	6.83	77	125580	22.179	ng/ul 99
6) Phenol	6.88	94	259261	19.785	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.12	93	206997	20.192	ng/ul 100
10) 2-Chlorophenol	7.25	128	205156	20.319	ng/ul 98
11) 2-Methylphenol	8.12	108	181281	19.308	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	228010	20.478	ng/ul 100
14) Acetophenone	8.50	105	319163	20.415	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.49	70	155695	20.988	ng/ul 98
16) 4-Methylphenol	8.45	108	199152	19.571	ng/ul 98
17) Hexachloroethane	8.76	117	91834	20.396	ng/ul 98
20) Nitrobenzene	8.88	77	236479	20.611	ng/ul 100
21) Isophorone	9.40	82	400923	21.308	ng/ul 100
23) 2-Nitrophenol	9.58	139	100855	21.122	ng/ul 99
24) 2,4-Dimethylphenol	9.65	107	216513	20.680	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.88	93	260110	20.665	ng/ul 99
27) 2,4-Dichlorophenol	10.12	162	181075	20.474	ng/ul 98
28) Naphthalene	10.52	128	647937	20.103	ng/ul 99
30) 4-Chloroaniline	10.62	127	160107	15.154	ng/ul 96
31) Hexachlorobutadiene	10.80	225	125810	20.591	ng/ul 100
32) Caprolactam	11.38	113	46318	18.888	ng/ul 99
33) 4-Chloro-3-methylphenol	11.75	107	173079	20.786	ng/ul 99
34) 2-Methylnaphthalene	12.13	142	446907	20.305	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	431963	20.271	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	232635	20.367	ng/ul	98
38) Hexachlorocyclopentadiene	12.49	237	137377	19.902	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.75	196	123316	20.328	ng/ul	95
40) 2,4,5-Trichlorophenol	12.82	196	141749	20.457	ng/ul	98
41) 1,1'-Biphenyl	13.16	154	552383	19.840	ng/ul	98
42) 2-Chloronaphthalene	13.19	162	437491	20.012	ng/ul	100
43) 2-Nitroaniline	13.40	65	109425	21.434	ng/ul	98
45) Dimethylphthalate	13.79	163	507933	20.294	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	97657	21.220	ng/ul	99
48) Acenaphthylene	14.05	152	635143	20.141	ng/ul	99
49) 3-Nitroaniline	14.23	138	92144	18.688	ng/ul	98
50) Acenaphthene	14.39	153	454950	19.974	ng/ul	100
51) 2,4-Dinitrophenol	14.43	184	37807	15.928	ng/ul	94
53) 4-Nitrophenol	14.53	109	75683	19.887	ng/ul	97
54) Dibenzofuran	14.73	168	641934	19.959	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	143236	21.627	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.95	232	110434	20.623	ng/ul	98
57) Diethylphthalate	15.16	149	498126	20.691	ng/ul	98
59) Fluorene	15.37	166	522771	20.330	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.37	204	259136	20.324	ng/ul	99
61) 4-Nitroaniline	15.39	138	114812	20.601	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.45	198	68320	18.574	ng/ul	100
65) N-Nitrosodiphenylamine	15.59	169	426280	20.286	ng/ul	96
66) 4-Bromophenyl-phenylether	16.27	248	146632	19.838	ng/ul	88
67) Hexachlorobenzene	16.38	284	174454	19.922	ng/ul	96
68) Atrazine	16.54	200	140401	19.589	ng/ul	98
69) Pentachlorophenol	16.73	266	79665	17.677	ng/ul	95
70) Phenanthrene	17.12	178	810104	20.275	ng/ul	97
72) Anthracene	17.20	178	834349	20.616	ng/ul	100
73) Pentachlorobenzene	14.65	250	220895	20.441	ng/ul	97
74) Carbazole	17.47	167	720978	20.464	ng/ul	100
75) Di-n-butylphthalate	18.05	149	791399	21.441	ng/ul	100
76) Fluoranthene	19.14	202	914410	20.906	ng/ul	100
79) Pvrene	19.50	202	985705	20.914	ng/ul	99
80) Butylbenzylphthalate	20.42	149	336376	22.561	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.19	252	244405	19.922	ng/ul	98
82) Benzo(a)anthracene	21.26	228	969703	20.895	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.20	149	533105	22.463	ng/ul	98
84) Chrysene	21.30	228	934237	20.682	ng/ul	98
86) Di-n-octyl phthalate	22.07	149	855209	19.392	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	971561	20.116	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	1007615	20.508	ng/ul	99
90) Benzo(a)pyrene	23.40	252	889878	20.114	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	1168534	20.062	ng/ul	97
92) Dibenzo(a,h)anthracene	25.75	278	988354	20.128	ng/ul	97
93) Benzo(g,h,i)perylene	26.43	276	950633	20.002	ng/ul	98

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

