Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042121\
Data File : BN014336.D
Acq On : 20 Apr 2021 10:34
Operator : CG/JU
Sample : SSTD00552
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00552

Quant Time: Apr 20 13:00:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 20 12:56:42 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	161800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	641961	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	367047	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	751519	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	784736	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	768376	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	8874	2.18	ng/uL	0.00
5) Phenol-d5	6.86	99	50641	3.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	36389	4.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	41036	4.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	37756	3.81	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	21044	4.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	15391	3.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	34564	3.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	48118	4.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	112940	4.58	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	149889	4.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	13093	2.83	ng/ul	0.00
58) Fluorene-d10	15.32	176	106306	4.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	9801	2.81	ng/ul	0.00
71) Anthracene-d10	17.17	188	156711	4.77	ng/ul	0.00
78) Pyrene-d10	19.47	212	169767	4.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	173688	4.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	8705	2.104	ng/uL	95
4) Benzaldehyde	6.84	77	41328	6.275	ng/ul	97
6) Phenol	6.89	94	59282	4.227	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	51856	4.728	ng/ul	99
10) 2-Chlorophenol	7.26	128	47211	4.429	ng/ul	98
11) 2-Methylphenol	8.13	108	38272	3.783	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.22	45	58501	3.493	ng/ul	98
14) Acetophenone	8.50	105	77819	4.766	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.49	70	34598	4.270	ng/ul	98
16) 4-Methylphenol	8.45	108	44636	4.066	ng/ul	100
17) Hexachloroethane	8.76	117	22901	5.064	ng/ul	99
20) Nitrobenzene	8.88	77	56674	4.823	ng/ul	98
21) Isophorone	9.40	82	82243	3.991	ng/ul	100
23) 2-Nitrophenol	9.59	139	19253	4.010	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	48537	4.293	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.89	93	62641	4.553	ng/ul	96
27) 2,4-Dichlorophenol	10.12	162	40415	4.381	ng/ul	98
28) Naphthalene	10.52	128	168915	5.075	ng/ul	99
30) 4-Chloroaniline	10.63	127	52134	4.521	ng/ul	98
31) Hexachlorobutadiene	10.81	225	31530	5.367	ng/ul	96
32) Caprolactam	11.37	113	6952	2.490	ng/ul	96
33) 4-Chloro-3-methylphenol	11.75	107	33858	3.601	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	112319	4.940	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.36	142	108912	4.970 ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	57798	5.230 ng/ul	97
38) Hexachlorocyclopentadiene	12.49	237	29757	4.522 ng/ul	96
39) 2,4,6-Trichlorophenol	12.75	196	23273	3.649 ng/ul	92
40) 2,4,5-Trichlorophenol	12.82	196	29460	4.210 ng/ul	99
41) 1,1'-Biphenyl	13.16	154	141353	5.121 ng/ul	96
42) 2-Chloronaphthalene	13.20	162	111066	5.147 ng/ul	99
43) 2-Nitroaniline	13.40	65	19172	3.427 ng/ul	98
45) Dimethylphthalate	13.79	163	121465	4.763 ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	17511	3.832 ng/ul	92
48) Acenaphthylene	14.05	152	151857	4.805 ng/ul	99
49) 3-Nitroaniline	14.23	138	16200	3.259 ng/ul	99
50) Acenaphthene	14.39	153	114448	4.964 ng/ul	95
51) 2,4-Dinitrophenol	14.43	184	5867	2.439 ng/ul	98
53) 4-Nitrophenol	14.53	109	12949	3.477 ng/ul#	87
54) Dibenzofuran	14.73	168	167058	5.257 ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	25127	3.848 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.95	232	19900	3.684 ng/ul#	92
57) Diethylphthalate	15.16	149	109191	4.284 ng/ul	97
59) Fluorene	15.37	166	128652	4.975 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	65243	5.258 ng/ul	95
61) 4-Nitroaniline	15.39	138	18224	3.201 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.45	198	10588	2.878 ng/ul#	89
65) N-Nitrosodiphenylamine	15.59	169	100264	4.633 ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	34846	4.841 ng/ul	97
67) Hexachlorobenzene	16.38	284	44233	5.144 ng/ul	97
68) Atrazine	16.54	200	25700	3.436 ng/ul	98
69) Pentachlorophenol	16.72	266	13217	2.917 ng/ul	93
70) Phenanthrene	17.12	178	207721	5.101 ng/ul	99
72) Anthracene	17.20	178	201679	4.873 ng/ul	98
73) Pentachlorobenzene	14.65	250	55353	5.339 ng/uL	93
74) Carbazole	17.47	167	158309	4.287 ng/ul	100
75) Di-n-butylphthalate	18.05	149	140739	3.406 ng/ul	99
76) Fluoranthene	19.13	202	209281	4.648 ng/ul	98
79) Pyrene	19.50	202	235106	4.653 ng/ul	100
80) Butylbenzylphthalate	20.41	149	48169	2.769 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.19	252	33048	2.244 ng/ul	92
82) Benzo(a)anthracene	21.25	228	226278	4.685 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	78102	2.683 ng/ul	99
84) Chrysene	21.30	228	227338	4.836 ng/ul	96
86) Di-n-octyl phthalate	22.07	149	119128	2.481 ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	222267	4.762 ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	230649	4.925 ng/ul	99
90) Benzo(a)pyrene	23.40	252	207691	4.909 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.73	276	269228	5.092 ng/ul	96
92) Dibenzo(a,h)anthracene	25.74	278	228786	5.075 ng/ul	99
93) Benzo(g,h,i)perylene	26.41	276	220888	4.974 ng/ul	99

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

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