Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\
Data File : BN013533.D
Acq On : 29 Jan 2021 11:30
Operator : CG/JU
Sample : SSTD01051
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01051

Quant Time: Jan 29 12:45:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 12:41:56 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	325704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1363068	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	830383	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1674116	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1653467	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1687026	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	30763	3.98	ng/uL	0.00
5) Phenol-d5	6.73	99	224788	8.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	142065	8.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	193561	8.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	180903	8.06	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	87026	7.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	84814	6.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	180268	7.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	205556	7.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	540470	8.20	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	717368	8.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	91623	7.42	ng/ul	0.00
58) Fluorene-d10	15.19	176	484857	8.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	70541	6.12	ng/ul	0.00
71) Anthracene-d10	17.04	188	742668	8.62	ng/ul	0.00
79) Pyrene-d10	19.35	212	788114	8.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	800046	8.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	31214	3.911	ng/uL	95
4) Benzaldehyde	6.71	77	142557	10.349	ng/ul	96
6) Phenol	6.76	94	249120	9.004	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.99	93	202779	8.983	ng/ul	99
10) 2-Chlorophenol	7.13	128	209168	8.604	ng/ul	98
11) 2-Methylphenol	7.99	108	177924	8.436	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	303438	7.905	ng/ul	100
14) Acetophenone	8.37	105	309688	9.318	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.36	70	137531	8.157	ng/ul	99
16) 4-Methylphenol	8.32	108	202644	9.027	ng/ul	99
17) Hexachloroethane	8.62	117	82727	7.720	ng/ul	97
20) Nitrobenzene	8.74	77	210157	7.530	ng/ul	99
21) Isophorone	9.26	82	354175	7.293	ng/ul	100
23) 2-Nitrophenol	9.45	139	100722	7.461	ng/ul	98
24) 2,4-Dimethylphenol	9.51	107	218003	8.405	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	266800	8.587	ng/ul	99
27) 2,4-Dichlorophenol	9.97	162	190095	8.537	ng/ul	99
28) Naphthalene	10.37	128	706503	9.000	ng/ul	100
30) 4-Chloroaniline	10.48	127	213556	8.231	ng/ul	99
31) Hexachlorobutadiene	10.66	225	120384	8.273	ng/ul	95
32) Caprolactam	11.23	113	44314	6.863	ng/ul	91
33) 4-Chloro-3-methylphenol	11.61	107	188106	8.305	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	496378	9.533	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.21	142	476359	7.841 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	232452	8.115 ng/ul	98
38) Hexachlorocyclopentadiene	12.35	237	132458	8.026 ng/ul	99
39) 2,4,6-Trichlorophenol	12.61	196	131246	7.196 ng/ul	99
40) 2,4,5-Trichlorophenol	12.67	196	150171	7.748 ng/ul	96
41) 1,1'-Biphenyl	13.02	154	634963	8.753 ng/ul	98
42) 2-Chloronaphthalene	13.06	162	486659	8.570 ng/ul	97
43) 2-Nitroaniline	13.26	65	100889	6.205 ng/ul	93
45) Dimethylphthalate	13.66	163	578822	8.660 ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	96752	7.075 ng/ul	92
48) Acenaphthylene	13.91	152	714462	8.476 ng/ul	99
49) 3-Nitroaniline	14.10	138	90085	7.242 ng/ul	95
50) Acenaphthene	14.26	153	519368	8.670 ng/ul	95
51) 2,4-Dinitrophenol	14.30	184	39505	4.889 ng/ul	94
53) 4-Nitrophenol	14.40	109	70930	7.484 ng/ul	95
54) Dibenzofuran	14.59	168	732147	9.109 ng/ul	99
55) 2,4-Dinitrotoluene	14.56	165	151309	8.014 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.82	232	114806	7.242 ng/ul	92
57) Diethylphthalate	15.03	149	555181	8.123 ng/ul	99
59) Fluorene	15.25	166	593081	8.968 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.25	204	284027	8.739 ng/ul	98
61) 4-Nitroaniline	15.26	138	107629	8.825 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.32	198	77296	6.383 ng/ul#	99
65) N-Nitrosodiphenylamine	15.46	169	493603	8.690 ng/ul	98
66) 4-Bromophenyl-phenylether	16.15	248	161691	8.091 ng/ul	98
67) Hexachlorobenzene	16.25	284	189188	8.275 ng/ul	96
68) Atrazine	16.42	200	149438	7.569 ng/ul	97
69) Pentachlorophenol	16.59	266	80988	6.087 ng/ul	97
70) Phenanthrene	16.99	178	925272	8.951 ng/ul	100
72) Anthracene	17.07	178	937360	8.884 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.98	216	236779	8.190 ng/uL	94
74) Pentachlorobenzene	14.52	250	233486	8.605 ng/uL	98
75) Carbazole	17.35	167	803789	8.963 ng/ul	98
76) Di-n-butylphthalate	17.93	149	822915	6.853 ng/ul	99
77) Fluoranthene	19.01	202	987099	8.776 ng/ul	99
80) Pyrene	19.37	202	1067425	8.345 ng/ul	99
81) Butylbenzylphthalate	20.30	149	306111	5.343 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	238770	6.478 ng/ul	97
83) Benzo(a)anthracene	21.13	228	1027989	8.946 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	507942	5.910 ng/ul	99
85) Chrysene	21.18	228	1033271	9.274 ng/ul	99
87) Di-n-octyl phthalate	21.94	149	805044	5.686 ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	1041231	9.117 ng/ul	98
89) Benzo(k)fluoranthene	22.71	252	1015700	9.084 ng/ul	98
91) Benzo(a)pyrene	23.22	252	917523	8.701 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	1139056	8.861 ng/ul	98
93) Dibenzo(a,h)anthracene	25.47	278	972590	8.978 ng/ul	99
94) Benzo(g,h,i)perylene	26.12	276	953275	8.888 ng/ul	99

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

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