Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010363.D
Acq On : 01 Apr 2020 16:17
Operator : CG/JU
Sample : SSTD08054
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08054

Manual Integrations APPROVED
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Quant Time: Apr 01 16:50:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 15:37:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	551999	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2469909	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1656692	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	3707863	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	3591654	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	4506906	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	343434	26.81	ng/uL	0.00
5) Phenol-d5	6.80	99	3658020	84.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	1812629	71.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	2965822	86.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	3041543	87.38	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	1488124	91.51	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	1681140	126.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	3255878	87.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	3750850	81.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	9454617	75.65	ng/ul	0.01
47) Acenaphthylene-d8	13.93	160	11211700	73.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	1900298	98.93	ng/ul	0.02
58) Fluorene-d10	15.24	176	8154810	73.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	1816586	130.12	ng/ul	0.02
71) Anthracene-d10	17.09	188	12472607	72.01	ng/ul	0.01
79) Pyrene-d10	19.39	212	13593363	70.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	17128084	76.43	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	364600	26.898	ng/uL	99
4) Benzaldehyde	6.76	77	1960472	79.795	ng/ul	95
6) Phenol	6.83	94	3779653	82.286	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	2841034	79.034	ng/ul	99
10) 2-Chlorophenol	7.19	128	3057743	85.931	ng/ul	98
11) 2-Methylphenol	8.06	108	2964866	84.973	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	1899966	44.437	ng/ul	99
14) Acetophenone	8.43	105	4481755	79.862	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	2180048	77.358	ng/ul	99
16) 4-Methylphenol	8.39	108	3196642	85.702	ng/ul	98
17) Hexachloroethane	8.68	117	1197836	75.902	ng/ul	97
20) Nitrobenzene	8.80	77	3463732	79.994	ng/ul	97
21) Isophorone	9.33	82	6676417	75.256	ng/ul	99
23) 2-Nitrophenol	9.50	139	1822163	116.412	ng/ul	97
24) 2,4-Dimethylphenol	9.57	107	3522227	79.005	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	4013615	76.943	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	3203638	85.293	ng/ul	98
28) Naphthalene	10.43	128	9893493	74.006	ng/ul	99
30) 4-Chloroaniline	10.53	127	3712214	80.639	ng/ul	98
31) Hexachlorobutadiene	10.72	225	2020560	71.049	ng/ul	96
32) Caprolactam	11.32	113	1097476m	87.449	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	3500167	89.234	ng/ul	96
34) 2-Methylnaphthalene	12.04	142	7215634	75.770	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	7058779	74.515 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	3927828	72.606 ng/ul	98
38) Hexachlorocyclopentadiene	12.41	237	2733620	75.064 ng/ul	97
39) 2,4,6-Trichlorophenol	12.66	196	2722376	93.970 ng/ul	99
40) 2,4,5-Trichlorophenol	12.73	196	2970115	93.660 ng/ul	99
41) 1,1'-Biphenyl	13.07	154	9322203	72.907 ng/ul	100
42) 2-Chloronaphthalene	13.11	162	7406248	72.274 ng/ul	98
43) 2-Nitroaniline	13.32	65	1945328	92.271 ng/ul	100
45) Dimethylphthalate	13.71	163	9681271	74.145 ng/ul	99
46) 2,6-Dinitrotoluene	13.82	165	2150014	99.716 ng/ul	100
48) Acenaphthylene	13.96	152	11618676	71.727 ng/ul	99
49) 3-Nitroaniline	14.15	138	1945654	97.188 ng/ul	95
50) Acenaphthene	14.31	153	8024031	72.623 ng/ul	99
51) 2,4-Dinitrophenol	14.35	184	1314227	160.987 ng/ul	99
53) 4-Nitrophenol	14.47	109	1496098	93.296 ng/ul	97
54) Dibenzofuran	14.65	168	11088469	72.267 ng/ul	95
55) 2,4-Dinitrotoluene	14.62	165	3105312	102.539 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.87	232	2570612	103.342 ng/ul	97
57) Diethylphthalate	15.09	149	9824536	75.984 ng/ul	98
59) Fluorene	15.30	166	8775035	67.921 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.30	204	4531299	68.871 ng/ul	98
61) 4-Nitroaniline	15.32	138	2128337	87.322 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.39	198	1948601	119.452 ng/ul#	95
65) N-Nitrosodiphenylamine	15.51	169	7992010	73.442 ng/ul	97
66) 4-Bromophenyl-phenylether	16.19	248	3004450	75.518 ng/ul	97
67) Hexachlorobenzene	16.30	284	3364961	74.879 ng/ul	98
68) Atrazine	16.47	200	3297402	75.971 ng/ul	98
69) Pentachlorophenol	16.65	266	2223562	104.637 ng/ul	97
70) Phenanthrene	17.03	178	14188490	67.850 ng/ul#	94
72) Anthracene	17.12	178	13659776m	64.147 ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	4201731	72.586 ng/uL	95
74) Pentachlorobenzene	14.57	250	4110820	73.940 ng/uL	99
75) Carbazole	17.39	167	13234188	72.619 ng/ul	99
76) Di-n-butylphthalate	17.97	149	13391856	61.112 ng/ul#	96
77) Fluoranthene	19.05	202	15179147	63.330 ng/ul#	94
80) Pyrene	19.42	202	14704601m	56.704 ng/ul	
81) Butylbenzylphthalate	20.34	149	8211959	96.863 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.11	252	6689941	82.934 ng/ul	99
83) Benzo(a)anthracene	21.17	228	14767163	58.095 ng/ul#	87
84) Bis(2-ethylhexyl)phthalate	21.13	149	10557342	76.173 ng/ul	96
85) Chrysene	21.22	228	13843479	56.589 ng/ul	92
87) Di-n-octyl phthalate	21.99	149	14400028	56.351 ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	18625927	65.712 ng/ul#	86
89) Benzo(k)fluoranthene	22.76	252	16828135m	60.571 ng/ul	
91) Benzo(a)pyrene	23.28	252	17588209	67.454 ng/ul	92
92) Indeno(1,2,3-cd)pyrene	25.54	276	24944747	76.805 ng/ul	98
93) Dibenzo(a,h)anthracene	25.55	278	20057237	74.677 ng/ul	98
94) Benzo(g,h,i)perylene	26.20	276	21637321	80.967 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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