Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
Data File : BN013882.D
Acq On : 09 Mar 2021 09:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02062

Quant Time: Mar 09 09:55:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 09:50:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	181225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	754731	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	451508	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	898340	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	926180	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	902843	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	34404	7.54	ng/uL	0.00
5) Phenol-d5	6.88	99	291661	19.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	181948	20.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	228241	20.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	220818	19.89	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	101538	20.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	96323	19.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	215677	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	289981	22.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	599178	19.76	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	801728	20.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	104829	18.43	ng/ul	0.00
58) Fluorene-d10	15.35	176	526333	19.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	75597	18.10	ng/ul	0.00
71) Anthracene-d10	17.19	188	787981	20.07	ng/ul	0.00
79) Pyrene-d10	19.48	212	856103	19.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	845726	18.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	37179	8.023	ng/uL	96
4) Benzaldehyde	6.86	77	181848	24.651	ng/ul	96
6) Phenol	6.91	94	316171	20.128	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	247599	20.154	ng/ul	99
10) 2-Chlorophenol	7.28	128	247347	20.716	ng/ul	97
11) 2-Methylphenol	8.15	108	226370	19.976	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	373455	19.908	ng/ul	98
14) Acetophenone	8.53	105	376514	20.588	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	181905	20.045	ng/ul	98
16) 4-Methylphenol	8.48	108	250384	20.363	ng/ul	100
17) Hexachloroethane	8.79	117	100691	19.880	ng/ul	99
20) Nitrobenzene	8.91	77	277666	20.098	ng/ul	99
21) Isophorone	9.43	82	481210	19.864	ng/ul	100
23) 2-Nitrophenol	9.62	139	116401	20.624	ng/ul	96
24) 2,4-Dimethylphenol	9.68	107	266586	20.056	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.92	93	322259	19.925	ng/ul	100
27) 2,4-Dichlorophenol	10.14	162	220455	20.327	ng/ul	98
28) Naphthalene	10.55	128	776579	19.848	ng/ul	99
30) 4-Chloroaniline	10.65	127	305552	22.536	ng/ul	97
31) Hexachlorobutadiene	10.83	225	138481	20.052	ng/ul	98
32) Caprolactam	11.40	113	59999	18.279	ng/ul	96
33) 4-Chloro-3-methylphenol	11.78	107	225831	20.431	ng/ul	100
34) 2-Methylnaphthalene	12.16	142	535790	20.043	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	517767	20.097	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	263403	19.378	ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	150350	18.576	ng/ul	95
39) 2,4,6-Trichlorophenol	12.77	196	156194	19.908	ng/ul	95
40) 2,4,5-Trichlorophenol	12.84	196	176276	20.479	ng/ul	94
41) 1,1'-Biphenyl	13.18	154	670417	19.746	ng/ul	98
42) 2-Chloronaphthalene	13.22	162	524074	19.744	ng/ul	98
43) 2-Nitroaniline	13.42	65	135460	19.685	ng/ul	99
45) Dimethylphthalate	13.81	163	619648	19.753	ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	113091	20.116	ng/ul	94
48) Acenaphthylene	14.07	152	782465	20.128	ng/ul	98
49) 3-Nitroaniline	14.25	138	127235	20.811	ng/ul	95
50) Acenaphthene	14.42	153	560360	19.759	ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	49095	16.589	ng/ul	96
53) 4-Nitrophenol	14.56	109	86993	18.989	ng/ul	96
54) Dibenzofuran	14.75	168	766928	19.618	ng/ul	99
55) 2,4-Dinitrotoluene	14.71	165	166226	20.696	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.97	232	133651	20.115	ng/ul	98
57) Diethylphthalate	15.18	149	621582	19.825	ng/ul	99
59) Fluorene	15.40	166	626370	19.690	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	304176	19.929	ng/ul	96
61) 4-Nitroaniline	15.42	138	139735	19.952	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.47	198	79829	18.149	ng/ul	97
65) N-Nitrosodiphenylamine	15.61	169	538592	20.818	ng/ul	95
66) 4-Bromophenyl-phenylether	16.29	248	173184	20.126	ng/ul	99
67) Hexachlorobenzene	16.40	284	201827	19.636	ng/ul	98
68) Atrazine	16.56	200	169712	18.984	ng/ul	95
69) Pentachlorophenol	16.74	266	99496	18.371	ng/ul	99
70) Phenanthrene	17.13	178	972271	19.976	ng/ul	98
72) Anthracene	17.23	178	995009	20.110	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	264787	20.128	ng/uL	100
74) Pentachlorobenzene	14.67	250	249379	20.123	ng/uL	92
75) Carbazole	17.49	167	887711	20.109	ng/ul	99
76) Di-n-butylphthalate	18.07	149	989242	20.028	ng/ul	100
77) Fluoranthene	19.15	202	1054838	19.600	ng/ul	99
80) Pyrene	19.51	202	1143107	19.168	ng/ul	100
81) Butylbenzylphthalate	20.42	149	388985	18.947	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.19	252	318344	18.315	ng/ul	91
83) Benzo(a)anthracene	21.26	228	1099961	19.295	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	638152	18.576	ng/ul	99
85) Chrysene	21.30	228	1047309	18.875	ng/ul	99
87) Di-n-octyl phthalate	22.07	149	1051844	18.645	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	1107443	20.191	ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	1059985	19.263	ng/ul	100
91) Benzo(a)pyrene	23.40	252	1001264	20.139	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.73	276	1244358	20.029	ng/ul	97
93) Dibenzo(a,h)anthracene	25.74	278	1071706	20.231	ng/ul	99
94) Benzo(g,h,i)perylene	26.42	276	1013912	19.430	ng/ul	96

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

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