Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010649.D
Acq On : 29 Apr 2020 08:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02087

Manual Integrations APPROVED
mohammad
4/30/2020 12:03:46 AM

Quant Time: Apr 29 10:52:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 27 19:29:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	525615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	2289453	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	1451671	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	3183491	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	2871124	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2547943	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	73680	7.34	ng/uL	0.00
5) Phenol-d5	6.78	99	816116	19.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	481158	22.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	683455	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	683241	19.53	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	343681	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	390720	19.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	749104	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	984457	22.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	2136629	19.84	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	2551680	19.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	370872	17.68	ng/ul	0.00
58) Fluorene-d10	15.21	176	1869097	19.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	313783	18.87	ng/ul	0.00
71) Anthracene-d10	17.06	188	2870988	19.47	ng/ul	0.00
79) Pyrene-d10	19.36	212	3184960	19.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2521417	19.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	78811	7.416	ng/uL	97
4) Benzaldehyde	6.73	77	552498	25.637	ng/ul	98
6) Phenol	6.80	94	851497	19.821	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	644229	19.476	ng/ul	97
10) 2-Chlorophenol	7.16	128	699796	19.439	ng/ul	98
11) 2-Methylphenol	8.03	108	662658	19.484	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.11	45	429450	20.418	ng/ul	99
14) Acetophenone	8.39	105	1080077	20.416	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	519457	20.500	ng/ul	97
16) 4-Methylphenol	8.35	108	720864	19.815	ng/ul	96
17) Hexachloroethane	8.65	117	279682	18.733	ng/ul	93
20) Nitrobenzene	8.76	77	803252	19.494	ng/ul	97
21) Isophorone	9.29	82	1438303	18.924	ng/ul	98
23) 2-Nitrophenol	9.46	139	418461	19.681	ng/ul	96
24) 2,4-Dimethylphenol	9.54	107	808981	19.293	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	905111	19.577	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	736105	19.385	ng/ul	99
28) Naphthalene	10.39	128	2318031	18.839	ng/ul	100
30) 4-Chloroaniline	10.50	127	1019547	23.233	ng/ul	96
31) Hexachlorobutadiene	10.69	225	476177	18.014	ng/ul	98
32) Caprolactam	11.28	113	213239m	17.697	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	785525	19.741	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	1753693	20.167	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	1613556	18.539	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	942514	19.474	ng/ul	95
38) Hexachlorocyclopentadiene	12.37	237	359232	15.254	ng/ul	95
39) 2,4,6-Trichlorophenol	12.63	196	589522	18.797	ng/ul	97
40) 2,4,5-Trichlorophenol	12.70	196	652367	19.341	ng/ul	98
41) 1,1'-Biphenyl	13.03	154	2207239	19.798	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	1742061	19.330	ng/ul	98
43) 2-Nitroaniline	13.28	65	440845	21.087	ng/ul	97
45) Dimethylphthalate	13.68	163	2117110	18.932	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	471044	19.807	ng/ul	100
48) Acenaphthylene	13.93	152	2759024	19.758	ng/ul	99
49) 3-Nitroaniline	14.12	138	453339	20.035	ng/ul	93
50) Acenaphthene	14.27	153	1839020	19.245	ng/ul	96
51) 2,4-Dinitrophenol	14.32	184	185151	16.436	ng/ul	97
53) 4-Nitrophenol	14.45	109	295402	17.400	ng/ul	94
54) Dibenzofuran	14.61	168	2658920	19.876	ng/ul	98
55) 2,4-Dinitrotoluene	14.58	165	639683	18.882	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.85	232	581747	19.737	ng/ul	99
57) Diethylphthalate	15.06	149	2163014	19.239	ng/ul	99
59) Fluorene	15.26	166	2111010	19.246	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.26	204	1076652	19.194	ng/ul	100
61) 4-Nitroaniline	15.29	138	527589	20.586	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.35	198	349193	19.525	ng/ul	96
65) N-Nitrosodiphenylamine	15.48	169	1867396	20.248	ng/ul	94
66) 4-Bromophenyl-phenylether	16.16	248	662875	19.071	ng/ul	96
67) Hexachlorobenzene	16.27	284	732800	18.535	ng/ul	96
68) Atrazine	16.44	200	626888	17.209	ng/ul	97
69) Pentachlorophenol	16.62	266	435952	17.272	ng/ul	98
70) Phenanthrene	17.00	178	3404120	19.255	ng/ul	98
72) Anthracene	17.09	178	3551154	19.816	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	904865	17.921	ng/uL	99
74) Pentachlorobenzene	14.53	250	877271	17.824	ng/uL	92
75) Carbazole	17.36	167	3133032	21.284	ng/ul	100
76) Di-n-butylphthalate	17.95	149	3670800	19.796	ng/ul	99
77) Fluoranthene	19.02	202	4068749	21.182	ng/ul	97
80) Pyrene	19.39	202	4091654	19.724	ng/ul	97
81) Butylbenzylphthalate	20.32	149	1714995	19.166	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.09	252	1081953	17.484	ng/ul	98
83) Benzo(a)anthracene	21.15	228	3543004	17.789	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2536520	19.627	ng/ul	98
85) Chrysene	21.20	228	3332433	17.794	ng/ul	96
87) Di-n-octyl phthalate	21.97	149	4017189	22.166	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	3216977	19.349	ng/ul	98
89) Benzo(k)fluoranthene	22.73	252	2960724	17.948	ng/ul	99
91) Benzo(a)pyrene	23.23	252	2940327	19.905	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.46	276	3291223	19.794	ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	2696376	19.309	ng/ul	98
94) Benzo(g,h,i)perylene	26.11	276	2639998	19.186	ng/ul	98

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

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