Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010044.D
Acq On : 02 Mar 2020 17:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02074

Manual Integrations APPROVED
mohammad
3/4/2020 7:50:31 AM

Quant Time: Mar 03 01:04:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	76113	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	334680	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.01	164	226923	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	483327	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	428501	20.00	ng/ul	-0.01
86) Perylene-d12	23.08	264	472835	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	14778m	7.99	ng/uL	-0.01
5) Phenol-d5	6.58	99	128878	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	90104	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	98372	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	104543	20.30	ng/ul	0.00
19) Nitrobenzene-d5	8.51	128	48246	19.70	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.22	143	54622	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	106108	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	130105	22.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	335023	19.77	ng/ul	-0.01
47) Acenaphthylene-d8	13.69	160	383334	19.20	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.26	143	48480	15.66	ng/ul	0.00
58) Fluorene-d10	15.02	176	276983	18.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	49818	16.59	ng/ul	0.00
71) Anthracene-d10	16.87	188	435608	19.66	ng/ul	0.00
79) Pyrene-d10	19.17	212	466275	20.82	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.95	264	448293	18.99	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	14351	6.750	ng/uL#	80
4) Benzaldehyde	6.54	77	56432	13.108	ng/ul	87
6) Phenol	6.60	94	141688	20.423	ng/ul	92
8) Bis(2-Chloroethyl)ether	6.82	93	109340	20.052	ng/ul	96
10) 2-Chlorophenol	6.94	128	107799	20.997	ng/ul	96
11) 2-Methylphenol	7.82	108	105414	20.764	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.90	45	309629m	23.163	ng/ul	
14) Acetophenone	8.19	105	180985	21.567	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.18	70	100453	22.910	ng/ul	90
16) 4-Methylphenol	8.15	108	116736	20.956	ng/ul	98
17) Hexachloroethane	8.41	117	48026	20.562	ng/ul	96
20) Nitrobenzene	8.55	77	148305	20.555	ng/ul	97
21) Isophorone	9.07	82	265716	20.926	ng/ul	99
23) 2-Nitrophenol	9.25	139	61779	20.612	ng/ul	91
24) 2,4-Dimethylphenol	9.33	107	141230	21.702	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.56	93	154872	19.957	ng/ul	99
27) 2,4-Dichlorophenol	9.78	162	106543	20.508	ng/ul	97
28) Naphthalene	10.16	128	352789	19.548	ng/ul	99
30) 4-Chloroaniline	10.29	127	141699	23.917	ng/ul	98
31) Hexachlorobutadiene	10.45	225	67302	19.371	ng/ul	90
32) Caprolactam	11.09	113	34163m	19.608	ng/ul	
33) 4-Chloro-3-methylphenol	11.43	107	127480	21.459	ng/ul	98
34) 2-Methylnaphthalene	11.78	142	263717	21.044	ng/ul	95

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35) 1-Methylnaphthalene	12.01	142	254305	20.245	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	129635	19.273	ng/ul	99
38) Hexachlorocyclopentadiene	12.14	237	27128	9.322	ng/ul	97
39) 2,4,6-Trichlorophenol	12.43	196	83946	19.664	ng/ul	98
40) 2,4,5-Trichlorophenol	12.51	196	84970	18.554	ng/ul	93
41) 1,1'-Biphenyl	12.83	154	347894	19.961	ng/ul	99
42) 2-Chloronaphthalene	12.87	162	263677	19.050	ng/ul	99
43) 2-Nitroaniline	13.10	65	108375	21.410	ng/ul	95
45) Dimethylphthalate	13.49	163	337009	19.055	ng/ul	100
46) 2,6-Dinitrotoluene	13.61	165	65579	18.940	ng/ul	88
48) Acenaphthylene	13.72	152	421075	19.488	ng/ul	99
49) 3-Nitroaniline	13.94	138	65027	20.343	ng/ul	88
50) Acenaphthene	14.07	153	286838	19.365	ng/ul	97
51) 2,4-Dinitrophenol	14.19	184	28212	14.193	ng/ul	96
53) 4-Nitrophenol	14.28	109	48651	17.417	ng/ul	88
54) Dibenzofuran	14.42	168	409207	19.683	ng/ul	95
55) 2,4-Dinitrotoluene	14.42	165	99401	19.371	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.66	232	77215	19.610	ng/ul	94
57) Diethylphthalate	14.87	149	351335	19.346	ng/ul	98
59) Fluorene	15.07	166	340361	19.508	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.07	204	163276	18.975	ng/ul	95
61) 4-Nitroaniline	15.12	138	69098	17.726	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.19	198	54396	16.818	ng/ul#	93
65) N-Nitrosodiphenylamine	15.29	169	289161	20.164	ng/ul	97
66) 4-Bromophenyl-phenylether	15.97	248	95103	19.664	ng/ul	95
67) Hexachlorobenzene	16.08	284	101976	19.056	ng/ul	94
68) Atrazine	16.26	200	100532	18.480	ng/ul	95
69) Pentachlorophenol	16.44	266	50740	16.407	ng/ul	96
70) Phenanthrene	16.81	178	532526	19.306	ng/ul	98
72) Anthracene	16.90	178	548550	19.454	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	130698	18.509	ng/uL	93
74) Pentachlorobenzene	14.34	250	127026	18.654	ng/uL	95
75) Carbazole	17.19	167	477882	19.245	ng/ul	99
76) Di-n-butylphthalate	17.76	149	589733	19.241	ng/ul	99
77) Fluoranthene	18.85	202	602761	18.655	ng/ul	96
80) Pyrene	19.21	202	621773	20.127	ng/ul#	94
81) Butylbenzylphthalate	20.14	149	267523	21.065	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.92	252	165678	17.733	ng/ul	96
83) Benzo(a)anthracene	20.97	228	614385	20.864	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	410652	21.179	ng/ul#	97
85) Chrysene	21.03	228	563826	19.449	ng/ul	98
87) Di-n-octyl phthalate	21.77	149	668628	18.683	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	577744	18.846	ng/ul	98
89) Benzo(k)fluoranthene	22.51	252	549924	18.944	ng/ul	98
91) Benzo(a)pyrene	22.99	252	547865	19.870	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	621769	18.993	ng/ul	98
93) Dibenzo(a,h)anthracene	25.12	278	522377	18.653	ng/ul	99
94) Benzo(g,h,i)perylene	25.73	276	517871	18.866	ng/ul	97

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

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