Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011488.D
Acq On : 18 Aug 2020 16:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02066

Manual Integrations APPROVED
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8/19/2020 2:19:52 PM

Quant Time: Aug 18 17:56:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 11:09:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	172334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	676767	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	428622	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	937950	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	1018448	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	1045874	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	37342	10.40	ng/uL	0.00
5) Phenol-d5	6.63	99	259782	21.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	141887	22.84	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	234311	21.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	218609	22.09	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	109274	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	123975	21.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	237803	21.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	283936	21.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	690982	20.70	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	825147	20.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	113697	20.11	ng/ul	0.00
58) Fluorene-d10	15.07	176	614122	21.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	108073	17.37	ng/ul	0.00
71) Anthracene-d10	16.92	188	930060	20.76	ng/ul	0.00
79) Pyrene-d10	19.23	212	1057756	20.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1162582	20.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	37313	8.063	ng/uL	90
4) Benzaldehyde	6.60	77	170212	21.413	ng/ul	97
6) Phenol	6.66	94	279440	22.491	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.88	93	217763	22.112	ng/ul	96
10) 2-Chlorophenol	7.01	128	248045	22.008	ng/ul	95
11) 2-Methylphenol	7.88	108	216455	22.125	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.96	45	132378	24.730	ng/ul	95
14) Acetophenone	8.25	105	357046	22.316	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.24	70	168632	24.328	ng/ul	99
16) 4-Methylphenol	8.20	108	234688	22.655	ng/ul	93
17) Hexachloroethane	8.48	117	110134	21.134	ng/ul	93
20) Nitrobenzene	8.61	77	270635	21.112	ng/ul	100
21) Isophorone	9.13	82	450957	19.990	ng/ul	98
23) 2-Nitrophenol	9.31	139	135876	20.654	ng/ul	97
24) 2,4-Dimethylphenol	9.39	107	270512	21.752	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	283301	21.172	ng/ul	94
27) 2,4-Dichlorophenol	9.84	162	247688	21.878	ng/ul	98
28) Naphthalene	10.23	128	767112	20.311	ng/ul	100
30) 4-Chloroaniline	10.35	127	293367	21.998	ng/ul	96
31) Hexachlorobutadiene	10.52	225	182992	19.847	ng/ul	96
32) Caprolactam	11.13	113	57831m	19.997	ng/ul	
33) 4-Chloro-3-methylphenol	11.48	107	233540	21.725	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	554215	21.407	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	521394	20.545 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	319478	21.295 ng/ul	95
38) Hexachlorocyclopentadiene	12.20	237	175035	17.027 ng/ul	96
39) 2,4,6-Trichlorophenol	12.48	196	200273	22.809 ng/ul	94
40) 2,4,5-Trichlorophenol	12.55	196	211608	22.194 ng/ul	99
41) 1,1'-Biphenyl	12.89	154	726253	21.112 ng/ul	98
42) 2-Chloronaphthalene	12.92	162	577546	20.749 ng/ul	97
43) 2-Nitroaniline	13.14	65	128902	23.551 ng/ul	94
45) Dimethylphthalate	13.54	163	710586	20.742 ng/ul	97
46) 2,6-Dinitrotoluene	13.66	165	143096	21.334 ng/ul	93
48) Acenaphthylene	13.78	152	872100	20.963 ng/ul	98
49) 3-Nitroaniline	13.99	138	137556	22.417 ng/ul	97
50) Acenaphthene	14.13	153	606503	20.827 ng/ul	96
51) 2,4-Dinitrophenol	14.20	184	73639	18.381 ng/ul	96
53) 4-Nitrophenol	14.31	109	115079	21.352 ng/ul	94
54) Dibenzofuran	14.47	168	869666	20.592 ng/ul	100
55) 2,4-Dinitrotoluene	14.45	165	213569	22.138 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.70	232	186640	23.446 ng/ul	97
57) Diethylphthalate	14.92	149	706660	20.736 ng/ul	99
59) Fluorene	15.12	166	717032	21.065 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.13	204	367659	20.700 ng/ul	98
61) 4-Nitroaniline	15.16	138	132495	21.081 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.22	198	119405	17.713 ng/ul	93
65) N-Nitrosodiphenylamine	15.35	169	603175	21.498 ng/ul	96
66) 4-Bromophenyl-phenylether	16.02	248	218234	20.454 ng/ul	98
67) Hexachlorobenzene	16.13	284	237227	19.976 ng/ul	93
68) Atrazine	16.32	200	226311	20.713 ng/ul	96
69) Pentachlorophenol	16.48	266	140813	20.686 ng/ul#	80
70) Phenanthrene	16.86	178	1135055	20.403 ng/ul	98
72) Anthracene	16.96	178	1149456	20.400 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	313980	21.080 ng/uL	95
74) Pentachlorobenzene	14.39	250	296641	20.783 ng/uL	97
75) Carbazole	17.23	167	995115	21.000 ng/ul	96
76) Di-n-butylphthalate	17.82	149	1161535	21.561 ng/ul	100
77) Fluoranthene	18.89	202	1317522	19.354 ng/ul	99
80) Pyrene	19.26	202	1416705	19.767 ng/ul	98
81) Butylbenzylphthalate	20.20	149	515940	21.339 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.97	252	411643	20.268 ng/ul	98
83) Benzo(a)anthracene	21.02	228	1423486	21.009 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	798825	21.910 ng/ul	98
85) Chrysene	21.07	228	1355040	20.134 ng/ul	97
87) Di-n-octyl phthalate	21.84	149	1305736	19.094 ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	1479077	20.229 ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	1399766	19.275 ng/ul	94
91) Benzo(a)pyrene	23.06	252	1296641	19.247 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.20	276	1680673	19.464 ng/ul	97
93) Dibenzo(a,h)anthracene	25.22	278	1436430	19.870 ng/ul	97
94) Benzo(g,h,i)perylene	25.82	276	1396787	19.513 ng/ul	95

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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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