Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010078.D
Acq On : 04 Mar 2020 01:10
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02078

Manual Integrations APPROVED
mohammad
3/4/2020 7:52:21 AM

Quant Time: Mar 04 03:04:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	65910	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	392551	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	290181	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	652514	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	641389	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	684014	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	12585m	7.85	ng/uL	0.00
5) Phenol-d5	6.57	99	165116	29.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	100153	25.89	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	121690	28.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	135465	30.38	ng/ul	0.00
19) Nitrobenzene-d5	8.51	128	54142	18.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	68818	21.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	137308	22.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	176352	25.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	477519	22.03	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	578801	22.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	76537	19.33	ng/ul	0.00
58) Fluorene-d10	15.01	176	393022	21.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	76581	18.89	ng/ul	0.00
71) Anthracene-d10	16.86	188	611047	20.43	ng/ul	0.00
79) Pyrene-d10	19.17	212	692169	20.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	685738	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	14964	8.128	ng/uL	92
4) Benzaldehyde	6.54	77	41969	11.257	ng/ul	90
6) Phenol	6.60	94	172654	28.739	ng/ul#	86
8) Bis(2-Chloroethyl)ether	6.82	93	117526	24.890	ng/ul	98
10) 2-Chlorophenol	6.94	128	128397	28.881	ng/ul	99
11) 2-Methylphenol	7.82	108	135120	30.735	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.90	45	346959	29.974	ng/ul	99
14) Acetophenone	8.18	105	200793	27.632	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.18	70	121269	31.938	ng/ul	88
16) 4-Methylphenol	8.15	108	149593	31.011	ng/ul	96
17) Hexachloroethane	8.40	117	46919	23.197	ng/ul	94
20) Nitrobenzene	8.55	77	163799	19.356	ng/ul	100
21) Isophorone	9.07	82	340722	22.877	ng/ul	100
23) 2-Nitrophenol	9.25	139	72452	20.609	ng/ul	96
24) 2,4-Dimethylphenol	9.32	107	179364	23.499	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.55	93	186920	20.535	ng/ul	99
27) 2,4-Dichlorophenol	9.78	162	143037	23.473	ng/ul	96
28) Naphthalene	10.16	128	416113	19.657	ng/ul	99
30) 4-Chloroaniline	10.29	127	180589	25.987	ng/ul	98
31) Hexachlorobutadiene	10.44	225	80375	19.723	ng/ul	90
32) Caprolactam	11.08	113	48651m	23.807	ng/ul	
33) 4-Chloro-3-methylphenol	11.43	107	175244	25.150	ng/ul	98
34) 2-Methylnaphthalene	11.78	142	295664	20.115	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.00	142	284606	19.317	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	157283	18.286	ng/ul	96
38) Hexachlorocyclopentadiene	12.13	237	31715	8.522	ng/ul	96
39) 2,4,6-Trichlorophenol	12.42	196	122002	22.349	ng/ul	95
40) 2,4,5-Trichlorophenol	12.50	196	133805	22.848	ng/ul	100
41) 1,1'-Biphenyl	12.82	154	443190	19.885	ng/ul	97
42) 2-Chloronaphthalene	12.86	162	333724	18.854	ng/ul	99
43) 2-Nitroaniline	13.09	65	159705	24.673	ng/ul	96
45) Dimethylphthalate	13.48	163	487089	21.537	ng/ul	100
46) 2,6-Dinitrotoluene	13.60	165	114964	25.965	ng/ul	95
48) Acenaphthylene	13.72	152	592176	21.432	ng/ul	99
49) 3-Nitroaniline	13.94	138	96047	23.497	ng/ul	97
50) Acenaphthene	14.07	153	371731	19.626	ng/ul	96
51) 2,4-Dinitrophenol	14.17	184	42481	16.713	ng/ul	96
53) 4-Nitrophenol	14.27	109	85379	23.903	ng/ul	87
54) Dibenzofuran	14.41	168	574033	21.592	ng/ul	100
55) 2,4-Dinitrotoluene	14.42	165	153839	23.444	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.65	232	115857	23.009	ng/ul	93
57) Diethylphthalate	14.86	149	505139	21.751	ng/ul	98
59) Fluorene	15.07	166	519067	23.265	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.07	204	255579	23.227	ng/ul	95
61) 4-Nitroaniline	15.12	138	107049	21.475	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.19	198	81226	18.602	ng/ul	98
65) N-Nitrosodiphenylamine	15.29	169	417742	21.577	ng/ul	99
66) 4-Bromophenyl-phenylether	15.96	248	133550	20.454	ng/ul	91
67) Hexachlorobenzene	16.08	284	164805	22.811	ng/ul	97
68) Atrazine	16.26	200	163646	22.282	ng/ul	95
69) Pentachlorophenol	16.43	266	89566	21.452	ng/ul	95
70) Phenanthrene	16.81	178	755711	20.294	ng/ul	99
72) Anthracene	16.90	178	766798	20.143	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	168950	17.723	ng/uL	98
74) Pentachlorobenzene	14.34	250	184653	20.085	ng/uL	94
75) Carbazole	17.18	167	681462	20.327	ng/ul	99
76) Di-n-butylphthalate	17.76	149	1022133	24.702	ng/ul	99
77) Fluoranthene	18.84	202	859559	19.705	ng/ul	96
80) Pyrene	19.20	202	876413	18.953	ng/ul	97
81) Butylbenzylphthalate	20.13	149	400729	21.080	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.92	252	229628	16.420	ng/ul	95
83) Benzo(a)anthracene	20.97	228	902168	20.468	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.93	149	600206	20.681	ng/ul	96
85) Chrysene	21.02	228	850447	19.599	ng/ul	98
87) Di-n-octyl phthalate	21.77	149	1021381	19.729	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	850329	19.174	ng/ul	98
89) Benzo(k)fluoranthene	22.51	252	830787	19.784	ng/ul	97
91) Benzo(a)pyrene	22.99	252	813393	20.392	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	1064705	22.482	ng/ul	96
93) Dibenzo(a,h)anthracene	25.12	278	918596	22.674	ng/ul	98
94) Benzo(g,h,i)perylene	25.73	276	807319	20.331	ng/ul	99

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

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