Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009529.D
Acq On : 03 Feb 2020 14:52
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04056

Manual Integrations APPROVED
mohammad
2/4/2020 6:14:12 PM

Quant Time: Feb 03 15:27:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 14:52:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	133400	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	562894	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	364853	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	782279	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	699292	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	750870	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	51588	15.99	ng/uL	0.00
5) Phenol-d5	6.65	99	476793	40.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	321496	38.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	360743	41.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	382230	40.59	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	180148	43.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	203691	47.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	375001	44.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	414493	40.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.51	166	1113531	41.24	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	1362508	42.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	211767	42.14	ng/ul	0.00
57) Fluorene-d10	15.09	176	972364	41.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	206211	43.53	ng/ul	0.00
70) Anthracene-d10	16.93	188	1469480	40.60	ng/ul	0.00
78) Pyrene-d10	19.24	212	1609594	42.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	1596021	42.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	58514	16.299	ng/uL	97
4) Benzaldehyde	6.60	77	332681	53.579	ng/ul	97
6) Phenol	6.67	94	517343	41.744	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.89	93	393838	39.624	ng/ul	99
10) 2-Chlorophenol	7.02	128	379813	42.269	ng/ul	99
11) 2-Methylphenol	7.89	108	381394	41.672	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.98	45	945891	36.220	ng/ul	99
14) Acetophenone	8.26	105	613231	40.313	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.25	70	336663	40.753	ng/ul	99
16) 4-Methylphenol	8.22	108	417420	41.647	ng/ul	94
17) Hexachloroethane	8.50	117	168441	40.465	ng/ul	92
20) Nitrobenzene	8.63	77	508727	42.248	ng/ul	97
21) Isophorone	9.15	82	926797	43.395	ng/ul	99
23) 2-Nitrophenol	9.33	139	218246	46.146	ng/ul	96
24) 2,4-Dimethylphenol	9.40	107	474439	43.717	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.63	93	546287	41.774	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	374126	44.870	ng/ul	99
28) Naphthalene	10.25	128	1264671	41.750	ng/ul	100
30) 4-Chloroaniline	10.36	127	425158	41.032	ng/ul	96
31) Hexachlorobutadiene	10.53	225	233037	40.725	ng/ul	95
32) Caprolactam	11.15	113	122038m	42.723	ng/ul	
33) 4-Chloro-3-methylphenol	11.50	107	442454	43.732	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	887959	42.580	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.25	216	452205	42.879 ng/ul	92
37) Hexachlorocyclopentadiene	12.23	237	239678	37.307 ng/ul	99
38) 2,4,6-Trichlorophenol	12.50	196	301724	46.286 ng/ul	95
39) 2,4,5-Trichlorophenol	12.57	196	323878	45.161 ng/ul	98
40) 1,1'-Biphenyl	12.90	154	1158122	41.920 ng/ul	97
41) 2-Chloronaphthalene	12.94	162	906738	41.567 ng/ul	99
42) 2-Nitroaniline	13.16	65	361136	45.338 ng/ul	91
44) Dimethylphthalate	13.56	163	1174397	42.246 ng/ul	100
45) 2,6-Dinitrotoluene	13.67	165	246989	46.696 ng/ul	95
47) Acenaphthylene	13.80	152	1480366	42.800 ng/ul	99
48) 3-Nitroaniline	14.00	138	215487	43.639 ng/ul	96
49) Acenaphthene	14.15	153	995139	42.173 ng/ul	98
50) 2,4-Dinitrophenol	14.22	184	148317	48.301 ng/ul	95
52) 4-Nitrophenol	14.33	109	189302	40.697 ng/ul	94
53) Dibenzofuran	14.49	168	1376752	41.993 ng/ul	98
54) 2,4-Dinitrotoluene	14.47	165	359310	45.544 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.72	232	275294	44.922 ng/ul	98
56) Diethylphthalate	14.94	149	1192914	41.960 ng/ul	98
58) Fluorene	15.14	166	1156994	42.116 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.15	204	563697	41.626 ng/ul	94
60) 4-Nitroaniline	15.17	138	273344m	49.023 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.24	198	218448	43.323 ng/ul#	99
64) N-Nitrosodiphenylamine	15.36	169	969942	41.875 ng/ul	99
65) 4-Bromophenyl-phenylether	16.04	248	321728	40.806 ng/ul	95
66) Hexachlorobenzene	16.15	284	349214	39.927 ng/ul	92
67) Atrazine	16.33	200	352232	41.563 ng/ul	95
68) Pentachlorophenol	16.50	266	212343	41.767 ng/ul	98
69) Phenanthrene	16.87	178	1813868	41.094 ng/ul	99
71) Anthracene	16.97	178	1869859	41.606 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	471213	43.982 ng/uL	99
73) Pentachlorobenzene	14.41	250	451085	43.311 ng/uL	96
74) Carbazole	17.25	167	1617465	42.039 ng/ul	97
75) Di-n-butylphthalate	17.83	149	2063193	43.894 ng/ul	100
76) Fluoranthene	18.90	202	2111505	41.730 ng/ul	99
79) Pyrene	19.27	202	2159856	42.657 ng/ul	98
80) Butylbenzylphthalate	20.20	149	922579	47.212 ng/ul	96
81) 3,3'-Dichlorobenzidine	20.97	252	655447	44.468 ng/ul	98
82) Benzo(a)anthracene	21.03	228	2007682	42.160 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	1377023	46.457 ng/ul	100
84) Chrysene	21.08	228	2005073	43.223 ng/ul	99
86) Di-n-octyl phthalate	21.84	149	2336876	43.509 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1948965	41.051 ng/ul	98
88) Benzo(k)fluoranthene	22.58	252	1995654	42.749 ng/ul	97
90) Benzo(a)pyrene	23.07	252	1864893	43.761 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.23	276	2180950	42.229 ng/ul	95
92) Dibenzo(a,h)anthracene	25.24	278	1846161	42.370 ng/ul	98
93) Benzo(g,h,i)perylene	25.85	276	1812117	42.183 ng/ul	95

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

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