Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
Data File : BN011169.D
Acq On : 15 Jul 2020 09:51
Operator : CG/JU
Sample : SSTD00553
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD00553

Manual Integrations APPROVED
mohammad
7/16/2020 11:06:09 AM

Quant Time: Jul 15 11:55:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 11:45:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	222904	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	914599	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	591630	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1358867	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1560221	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1592462	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	14562	2.42	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.03	132	90396	6.16	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.63	128	44835	5.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	45778	5.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	90956	6.03	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	298141	6.47	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	345332	6.14	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.12	176	259854	6.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.97	188	409186m	6.11	ng/ul	0.00
79) Pyrene-d10	19.28	212	478540	5.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	520432	6.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	14812	2.332	ng/uL	94
10) 2-Chlorophenol	7.06	128	99191	6.356	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.29	70	75654	7.544	ng/ul	93
17) Hexachloroethane	8.55	117	46969	6.256	ng/ul	92
20) Nitrobenzene	8.67	77	118014	5.908	ng/ul	96
21) Isophorone	9.19	82	195952	6.227	ng/ul#	96
23) 2-Nitrophenol	9.37	139	53127	6.011	ng/ul	97
24) 2,4-Dimethylphenol	9.45	107	112235	6.031	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.68	93	124622	6.254	ng/ul	98
27) 2,4-Dichlorophenol	9.90	162	97838	6.221	ng/ul	95
28) Naphthalene	10.29	128	336653	6.311	ng/ul	98
31) Hexachlorobutadiene	10.59	225	71957	5.886	ng/ul	92
33) 4-Chloro-3-methylphenol	11.54	107	99674	6.537	ng/ul	99
34) 2-Methylnaphthalene	11.91	142	240953	6.544	ng/ul	96
35) 1-Methylnaphthalene	12.13	142	223961	6.603	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	127416	5.714	ng/ul	98
39) 2,4,6-Trichlorophenol	12.54	196	74708	5.829	ng/ul	95
40) 2,4,5-Trichlorophenol	12.61	196	87992	6.513	ng/ul	95
41) 1,1'-Biphenyl	12.95	154	311829	6.009	ng/ul	97
42) 2-Chloronaphthalene	12.98	162	250388	6.078	ng/ul	98
43) 2-Nitroaniline	13.19	65	58313	6.192	ng/ul	95
45) Dimethylphthalate	13.59	163	318228	6.572	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	57619	6.126	ng/ul	100

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48) Acenaphthylene	13.83	152	370554	6.218	ng/ul	98
50) Acenaphthene	14.19	153	266212	6.306	ng/ul	97
54) Dibenzofuran	14.52	168	385995	6.500	ng/ul	97
55) 2,4-Dinitrotoluene	14.50	165	85529	6.558	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.76	232	71587	6.544	ng/ul#	95
57) Diethylphthalate	14.97	149	302179	6.370	ng/ul	98
59) Fluorene	15.17	166	308493	6.334	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.18	204	159268	6.372	ng/ul	95
65) N-Nitrosodiphenylamine	15.40	169	270578	6.088	ng/ul	95
66) 4-Bromophenyl-phenylether	16.07	248	93487	5.962	ng/ul	92
67) Hexachlorobenzene	16.19	284	103816	5.855	ng/ul	98
70) Phenanthrene	16.92	178	516866	6.257	ng/ul	96
72) Anthracene	17.00	178	517711	6.200	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	127521	5.306	ng/uL	97
74) Pentachlorobenzene	14.45	250	122018	5.630	ng/uL	97
76) Di-n-butylphthalate	17.87	149	471911	5.966	ng/ul	99
80) Pyrene	19.31	202	652629	5.697	ng/ul	97
81) Butylbenzylphthalate	20.25	149	214534	5.560	ng/ul	96
83) Benzo(a)anthracene	21.07	228	672882	6.254	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	346558	5.893	ng/ul	99
85) Chrysene	21.13	228	641888	6.093	ng/ul	98
88) Benzo(b)fluoranthene	22.59	252	661134	6.024	ng/ul	98
89) Benzo(k)fluoranthene	22.63	252	649317	6.188	ng/ul	97
91) Benzo(a)pyrene	23.13	252	577491	6.033	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.31	276	729147	6.010	ng/ul	98
93) Dibenzo(a,h)anthracene	25.32	278	608922	6.074	ng/ul	98
94) Benzo(g,h,i)perylene	25.93	276	599654	6.035	ng/ul	98

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

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