Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008517.D
Acq On : 13 Nov 2019 11:48
Operator : JU
Sample : SSTD00552
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00552

Quant Time: Nov 13 14:04:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 13:19:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	398320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1638436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	1089986	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	2371060	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2226584	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	2491126	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	20501	2.26	ng/uL	0.01
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	7.18	132	137391	5.55	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.77	128	53094	6.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	47439	4.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	135429	5.06	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.68	166	456753	5.49	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	510683	5.22	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.26	176	382165	5.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.10	188	601946	5.20	ng/ul	0.00
78) Pyrene-d10	19.40	212	671122	5.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	677092	5.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	19666	1.929	ng/uL#	93
10) 2-Chlorophenol	7.21	128	139898	5.444	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	118021	5.810	ng/ul	96
17) Hexachloroethane	8.71	117	60956	5.401	ng/ul	98
20) Nitrobenzene	8.81	77	148289	6.014	ng/ul	98
21) Isophorone	9.34	82	333834	5.337	ng/ul	100
23) 2-Nitrophenol	9.52	139	52568	5.070	ng/ul	93
24) 2,4-Dimethylphenol	9.59	107	171304	5.416	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.83	93	199346	5.968	ng/ul	100
27) 2,4-Dichlorophenol	10.05	162	131599	5.153	ng/ul	99
28) Naphthalene	10.45	128	449008	5.117	ng/ul	98
31) Hexachlorobutadiene	10.75	225	89898	3.847	ng/ul	92
33) 4-Chloro-3-methylphenol	11.68	107	158540	5.627	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	332032	5.332	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	169895	4.096	ng/ul	95
38) 2,4,6-Trichlorophenol	12.68	196	97359	4.415	ng/ul	98
39) 2,4,5-Trichlorophenol	12.75	196	107256	4.536	ng/ul	95
40) 1,1'-Biphenyl	13.09	154	441109	5.207	ng/ul	98
41) 2-Chloronaphthalene	13.13	162	334984	5.102	ng/ul	99
42) 2-Nitroaniline	13.32	65	74008	7.818	ng/ul	98
44) Dimethylphthalate	13.72	163	432086	5.268	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	52486	5.128	ng/ul	96
47) Acenaphthylene	13.97	152	520494	5.253	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
49) Acenaphthene	14.32	153	356528	5.081 ng/ul	99
53) Dibenzofuran	14.66	168	519149	5.044 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	75841	4.608 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.89	232	87397	3.861 ng/ul#	100
56) Diethylphthalate	15.10	149	448320	5.939 ng/ul	100
58) Fluorene	15.31	166	421671	5.034 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	209903	4.394 ng/ul	99
64) N-Nitrosodiphenylamine	15.52	169	372936	6.004 ng/ul	97
65) 4-Bromophenyl-phenylether	16.21	248	124858	4.381 ng/ul	97
66) Hexachlorobenzene	16.32	284	135128	4.167 ng/ul	99
69) Phenanthrene	17.05	178	682342	5.215 ng/ul	99
71) Anthracene	17.13	178	689448	5.257 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	167788	4.277 ng/uL	98
73) Pentachlorobenzene	14.59	250	168673	4.278 ng/uL	98
75) Di-n-butylphthalate	18.00	149	767149	7.501 ng/ul	100
79) Pyrene	19.43	202	830489	5.703 ng/ul	99
80) Butylbenzylphthalate	20.36	149	278211	9.004 ng/ul	99
82) Benzo(a)anthracene	21.19	228	837600	5.536 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.16	149	489146	9.823 ng/ul#	99
84) Chrysene	21.23	228	764509	5.222 ng/ul	97
87) Benzo(b)fluoranthene	22.73	252	806664	5.151 ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	770508	4.829 ng/ul	99
90) Benzo(a)pyrene	23.28	252	784374	5.342 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.53	276	890088	5.055 ng/ul	98
92) Dibenzo(a,h)anthracene	25.54	278	751834	5.143 ng/ul	96
93) Benzo(g,h,i)perylene	26.19	276	743314	5.039 ng/ul	97

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

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