Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006394.D
Acq On : 19 Jun 2019 13:41
Operator : JU/SJ
Sample : SSTD00507
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00507

Quant Time: Jun 19 15:42:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 19 15:21:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	160182	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	776553	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	501020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1137960	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1137983	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1333480	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	9195	2.49	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	7.16	132	61876	6.02	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.79	128	28349	5.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	29151	4.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	62732	5.64	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.69	166	234745	6.60	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	281664	6.12	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.28	176	203900	6.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.14	188	303458	6.25	ng/ul	0.00
78) Pyrene-d10	19.45	212	353297	6.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	397551	6.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	8285	2.168	ng/uL	96
10) 2-Chlorophenol	7.19	128	60552	5.767	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	55638	6.998	ng/ul	98
17) Hexachloroethane	8.69	117	26053	5.900	ng/ul	98
20) Nitrobenzene	8.83	77	76449	5.831	ng/ul	98
21) Isophorone	9.34	82	158807	6.286	ng/ul	99
23) 2-Nitrophenol	9.53	139	30552	4.704	ng/ul	90
24) 2,4-Dimethylphenol	9.60	107	71907	5.453	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	97237	6.253	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	57932	5.348	ng/ul	99
28) Naphthalene	10.46	128	223562	6.105	ng/ul	99
31) Hexachlorobutadiene	10.74	225	37644	5.436	ng/ul	99
33) 4-Chloro-3-methylphenol	11.72	107	69341	5.882	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	157589	6.173	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	77536	5.170	ng/ul	95
38) 2,4,6-Trichlorophenol	12.71	196	45537	4.745	ng/ul	96
39) 2,4,5-Trichlorophenol	12.79	196	44521	4.350	ng/ul	93
40) 1,1'-Biphenyl	13.11	154	213792	5.681	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	161430	5.548	ng/ul	99
42) 2-Nitroaniline	13.37	65	40122	4.746	ng/ul	98
44) Dimethylphthalate	13.74	163	219209	6.218	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	33923	4.739	ng/ul#	95
47) Acenaphthylene	14.00	152	253293	5.607	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.35	153	186177	6.125	ng/ul	98
53) Dibenzofuran	14.69	168	259365	6.046	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	50607	5.036	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.92	232	42801	5.075	ng/ul	98
56) Diethylphthalate	15.12	149	220528	6.246	ng/ul	98
58) Fluorene	15.33	166	213570	6.360	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	105805	6.320	ng/ul	96
64) N-Nitrosodiphenylamine	15.55	169	182004	5.752	ng/ul	98
65) 4-Bromophenyl-phenylether	16.23	248	60999	5.458	ng/ul	98
66) Hexachlorobenzene	16.35	284	69657	5.675	ng/ul	99
69) Phenanthrene	17.08	178	347473	6.226	ng/ul	99
71) Anthracene	17.17	178	350138	6.139	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	80075	4.897	ng/uL	99
73) Pentachlorobenzene	14.60	250	81697	5.594	ng/uL	97
75) Di-n-butylphthalate	18.01	149	357446	5.516	ng/ul	99
79) Pyrene	19.47	202	419928	6.002	ng/ul	99
80) Butylbenzylphthalate	20.39	149	164172	5.014	ng/ul	97
82) Benzo(a)anthracene	21.24	228	421040	6.018	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	255959	5.414	ng/ul	97
84) Chrysene	21.29	228	412663	6.154	ng/ul	98
87) Benzo(b)fluoranthene	22.82	252	431057	6.064	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	413040	5.936	ng/ul	100
90) Benzo(a)pyrene	23.39	252	411851	5.993	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	488003	5.824	ng/ul	99
92) Dibenzo(a,h)anthracene	25.73	278	402837	5.701	ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	415714	5.837	ng/ul	98

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

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