Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004631.D
Acq On : 07 Mar 2019 11:21
Operator : JU/SJ
Sample : SSTD00516
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00516

Manual Integrations APPROVED
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3/8/2019 3:59:07 PM

Quant Time: Mar 07 15:17:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 07 14:38:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	33261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	151358	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	95205	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	224911	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	270648	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	282213	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1043	1.89	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	7.25	132	11330	4.71	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.88	128	5354	5.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	5778	5.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	11697	4.93	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.77	166	41294	5.11	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	48570	5.08	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.36	176	35619	5.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.21	188	55151	5.12	ng/ul	0.00
79) Pyrene-d10	19.51	212	63925	5.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	74156	5.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	1393m	2.046	ng/uL	
10) 2-Chlorophenol	7.28	128	11600	4.847	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	8018	4.922	ng/ul	97
17) Hexachloroethane	8.79	117	4285	5.114	ng/ul	99
20) Nitrobenzene	8.92	77	11322	5.165	ng/ul	100
21) Isophorone	9.43	82	23747	5.288	ng/ul	98
23) 2-Nitrophenol	9.63	139	6459	5.505	ng/ul	97
24) 2,4-Dimethylphenol	9.68	107	13044	4.929	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	14727	5.054	ng/ul	100
27) 2,4-Dichlorophenol	10.15	162	11674	4.986	ng/ul	98
28) Naphthalene	10.56	128	39916	5.115	ng/ul	99
31) Hexachlorobutadiene	10.83	225	8071	5.332	ng/ul	99
33) 4-Chloro-3-methylphenol	11.79	107	12437	4.925	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	29784	4.976	ng/ul	99
35) 1-Methylnaphthalene	12.39	142	28036	4.749	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	16399	5.174	ng/ul	98
39) 2,4,6-Trichlorophenol	12.78	196	9874	5.273	ng/ul	100
40) 2,4,5-Trichlorophenol	12.85	196	10858	5.161	ng/ul	99
41) 1,1'-Biphenyl	13.19	154	40440	5.257	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	30284	5.061	ng/ul	99
43) 2-Nitroaniline	13.45	65	6393	5.234	ng/ul	97
45) Dimethylphthalate	13.82	163	40820	5.114	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	7102	5.047	ng/ul	92

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48) Acenaphthylene	14.09	152	48149	5.301	ng/ul	100
50) Acenaphthene	14.43	153	33589	5.134	ng/ul	100
54) Dibenzofuran	14.76	168	48402	5.114	ng/ul	97
55) 2,4-Dinitrotoluene	14.73	165	10776	4.881	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.99	232	9999	5.209	ng/ul#	99
57) Diethylphthalate	15.19	149	40623	5.157	ng/ul	98
59) Fluorene	15.41	166	39100	5.098	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	20626	5.082	ng/ul	98
65) N-Nitrosodiphenylamine	15.62	169	34573	5.368	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	13715	5.457	ng/ul	97
67) Hexachlorobenzene	16.40	284	15698	5.333	ng/ul	98
70) Phenanthrene	17.15	178	64588	5.176	ng/ul	99
72) Anthracene	17.25	178	65437	5.209	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	16261	5.271	ng/uL	100
74) Pentachlorobenzene	14.67	250	17844	5.412	ng/uL	99
76) Di-n-butylphthalate	18.07	149	67064	5.442	ng/ul	100
80) Pyrene	19.54	202	80450	5.375	ng/ul	100
81) Butylbenzylphthalate	20.44	149	30401	5.911	ng/ul	98
83) Benzo(a)anthracene	21.29	228	85911	5.150	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	45839	5.946	ng/ul	99
85) Chrysene	21.34	228	80577	5.088	ng/ul	99
88) Benzo(b)fluoranthene	22.89	252	84418	5.051	ng/ul	100
89) Benzo(k)fluoranthene	22.93	252	85235	5.246	ng/ul	99
91) Benzo(a)pyrene	23.47	252	81592	5.003	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.84	276	91688	4.428	ng/ul	100
93) Dibenzo(a,h)anthracene	25.86	278	77081	4.474	ng/ul	99
94) Benzo(g,h,i)perylene	26.55	276	74905	4.316	ng/ul	100

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

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