Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003847.D
Acq On : 12 Dec 2018 11:48
Operator : JU/SJ
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02003

Quant Time: Dec 12 12:47:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 12:41:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	23359	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	117944	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	76760	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	188885	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	248136	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	291093	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	3064	6.20	ng/uL	0.00
5) Phenol-d5	6.99	99	46067	23.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	26201	24.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	37262	22.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	39017	24.06	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	19864	21.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	22608	22.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	41097	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	40315	24.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	143202	22.51	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	170871	21.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	29258	22.93	ng/ul	0.00
57) Fluorene-d10	15.46	176	123176	23.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	27658	20.84	ng/ul	0.00
70) Anthracene-d10	17.31	188	200325	21.59	ng/ul	0.00
78) Pyrene-d10	19.60	212	234431	19.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	331194	21.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	3389	6.226	ng/uL	100
4) Benzaldehyde	6.98	77	8191	24.006	ng/ul	100
6) Phenol	7.01	94	47064	24.229	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.26	93	34855	23.274	ng/ul	100
10) 2-Chlorophenol	7.39	128	37369	22.528	ng/ul	100
11) 2-Methylphenol	8.26	108	36644	24.241	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	48310	24.411	ng/ul	100
14) Acetophenone	8.66	105	60322	24.899	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.63	70	29714	25.824	ng/ul	100
16) 4-Methylphenol	8.59	108	40696	24.387	ng/ul	100
17) Hexachloroethane	8.90	117	13630	21.692	ng/ul	100
20) Nitrobenzene	9.04	77	42598	22.054	ng/ul	100
21) Isophorone	9.55	82	88762	23.827	ng/ul	100
23) 2-Nitrophenol	9.75	139	23656	21.650	ng/ul	100
24) 2,4-Dimethylphenol	9.79	107	45504	21.973	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.03	93	52823	21.760	ng/ul	100
27) 2,4-Dichlorophenol	10.27	162	39815	20.915	ng/ul	100
28) Naphthalene	10.68	128	130766	21.235	ng/ul	100
30) 4-Chloroaniline	10.79	127	40923	24.223	ng/ul	100
31) Hexachlorobutadiene	10.94	225	22787	19.082	ng/ul	100
32) Caprolactam	11.55	113	15633	26.802	ng/ul	100
33) 4-Chloro-3-methylphenol	11.90	107	46356	25.237	ng/ul	100
34) 2-Methylnaphthalene	12.29	142	99673	22.960	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	49387	19.269	ng/ul	100
37) Hexachlorocyclopentadiene	12.62	237	29115	16.924	ng/ul	100
38) 2,4,6-Trichlorophenol	12.89	196	34056	20.938	ng/ul	100
39) 2,4,5-Trichlorophenol	12.96	196	37838	21.101	ng/ul	100
40) 1,1'-Biphenyl	13.30	154	130388	21.134	ng/ul	100
41) 2-Chloronaphthalene	13.35	162	101458	20.811	ng/ul	100
42) 2-Nitroaniline	13.56	65	29340	25.161	ng/ul	100
44) Dimethylphthalate	13.92	163	139102	22.259	ng/ul	100
45) 2,6-Dinitrotoluene	14.05	165	29422	23.504	ng/ul	100
47) Acenaphthylene	14.19	152	162499	21.810	ng/ul	100
48) 3-Nitroaniline	14.38	138	29049	23.555	ng/ul	100
49) Acenaphthene	14.53	153	115237	21.524	ng/ul	100
50) 2,4-Dinitrophenol	14.59	184	16722	20.344	ng/ul	100
52) 4-Nitrophenol	14.67	109	18667	23.517	ng/ul	100
53) Dibenzofuran	14.86	168	162883	21.602	ng/ul	100
54) 2,4-Dinitrotoluene	14.84	165	45135	23.808	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.09	232	34545	21.932	ng/ul	100
56) Diethylphthalate	15.28	149	143796	24.311	ng/ul	100
58) Fluorene	15.52	166	135302	23.354	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.50	204	67346	22.218	ng/ul	100
60) 4-Nitroaniline	15.55	138	35989	25.620	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.60	198	28796	21.104	ng/ul	100
64) N-Nitrosodiphenylamine	15.72	169	120909	21.012	ng/ul	100
65) 4-Bromophenyl-phenylether	16.40	248	45191	20.116	ng/ul	100
66) Hexachlorobenzene	16.51	284	56234	21.115	ng/ul	100
67) Atrazine	16.67	200	44221	21.242	ng/ul	100
68) Pentachlorophenol	16.86	266	30230	18.766	ng/ul	100
69) Phenanthrene	17.25	178	228197	21.659	ng/ul	100
71) Anthracene	17.35	178	233645	21.711	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	50205	17.625	ng/uL	100
73) Pentachlorobenzene	14.78	250	56954	18.299	ng/uL	100
74) Carbazole	17.62	167	219151	23.148	ng/ul	100
75) Di-n-butylphthalate	18.16	149	255782	22.590	ng/ul	100
76) Fluoranthene	19.27	202	284865	23.606	ng/ul	100
79) Pyrene	19.63	202	292105	19.362	ng/ul	100
80) Butylbenzylphthalate	20.52	149	132449	22.553	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.32	252	121381	22.864	ng/ul	100
82) Benzo(a)anthracene	21.38	228	321938	21.273	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	198583	23.641	ng/ul	100
84) Chrysene	21.43	228	302602	21.276	ng/ul	100
86) Di-n-octyl phthalate	22.19	149	353731	20.943	ng/ul	100
87) Benzo(b)fluoranthene	23.02	252	370414	20.629	ng/ul	100
88) Benzo(k)fluoranthene	23.06	252	338680	19.706	ng/ul	100
90) Benzo(a)pyrene	23.62	252	350996	21.060	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	26.07	276	453171	22.757	ng/ul	100
92) Dibenzo(a,h)anthracene	26.08	278	379544	22.662	ng/ul	100
93) Benzo(g,h,i)perylene	26.79	276	380209	22.975	ng/ul	100

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

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