Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
Data File : BN002048.D
Acq On : 16 Jul 2018 14:26
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02010

Manual Integrations APPROVED
Sohil
7/17/2018 5:12:08 PM

Quant Time: Jul 17 00:44:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 14 00:59:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	350992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1641616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1006102	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2377405	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	2629886	20.00	ng/ul	-0.01
85) Perylene-d12	23.53	264	2904997	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	63197	8.12	ng/uL	0.00
5) Phenol-d5	6.88	99	652285	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	410558	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	509202	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	529766	19.90	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	259412	19.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	290278	18.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	539896	19.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	742900	23.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1694045	19.86	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2116089	19.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	325501	19.98	ng/ul	0.00
57) Fluorene-d10	15.33	176	1461700	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	291787	18.84	ng/ul	0.00
70) Anthracene-d10	17.19	188	2307847	19.91	ng/ul	0.00
78) Pyrene-d10	19.49	212	2599144	19.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	3101317	19.77	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	62426	7.995	ng/uL#	92
4) Benzaldehyde	6.86	77	423119	21.581	ng/ul	96
6) Phenol	6.91	94	667103	20.098	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	513613	20.293	ng/ul#	88
10) 2-Chlorophenol	7.28	128	510548	19.606	ng/ul#	91
11) 2-Methylphenol	8.15	108	501262	19.635	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	859875	20.666	ng/ul#	85
14) Acetophenone	8.52	105	832270	20.596	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.50	70	437738	19.769	ng/ul#	84
16) 4-Methylphenol	8.47	108	561916	20.286	ng/ul	97
17) Hexachloroethane	8.77	117	202635	19.686	ng/ul	98
20) Nitrobenzene	8.89	77	617704	19.733	ng/ul	95
21) Isophorone	9.42	82	1238859	19.779	ng/ul	98
23) 2-Nitrophenol	9.60	139	303434	19.266	ng/ul#	89
24) 2,4-Dimethylphenol	9.66	107	620088	19.665	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	748958	19.864	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	517474	19.364	ng/ul	99
28) Naphthalene	10.53	128	1712592	19.747	ng/ul	100
30) 4-Chloroaniline	10.64	127	726332	23.106	ng/ul	99
31) Hexachlorobutadiene	10.82	225	304471	19.225	ng/ul	99
32) Caprolactam	11.39	113	202026m	20.339	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	594217	19.768	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	1249891	19.758	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	635061	19.466 ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	378094	18.271 ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	432896	19.304 ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	455424	19.226 ng/ul	98
40) 1,1'-Biphenyl	13.16	154	1649544	19.701 ng/ul	98
41) 2-Chloronaphthalene	13.20	162	1275022	19.584 ng/ul	95
42) 2-Nitroaniline	13.42	65	413989	19.777 ng/ul	88
44) Dimethylphthalate	13.80	163	1669616	19.987 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	352437	19.962 ng/ul	99
47) Acenaphthylene	14.06	152	2037334	20.003 ng/ul	99
48) 3-Nitroaniline	14.25	138	373983	21.490 ng/ul	94
49) Acenaphthene	14.40	153	1392210	19.804 ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	175750	16.923 ng/ul#	1
52) 4-Nitrophenol	14.56	109	224483	19.713 ng/ul#	74
53) Dibenzofuran	14.74	168	1992842	20.064 ng/ul	94
54) 2,4-Dinitrotoluene	14.71	165	516597	20.174 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.97	232	407329	19.583 ng/ul	95
56) Diethylphthalate	15.17	149	1704375	20.093 ng/ul	99
58) Fluorene	15.39	166	1611792	20.326 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	793374	20.144 ng/ul	92
60) 4-Nitroaniline	15.41	138	417891	20.741 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.47	198	305817	19.075 ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	1436474	19.754 ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	509118	19.462 ng/ul	90
66) Hexachlorobenzene	16.39	284	557616	19.262 ng/ul	94
67) Atrazine	16.56	200	537971	20.503 ng/ul	98
68) Pentachlorophenol	16.74	266	300427	18.244 ng/ul	98
69) Phenanthrene	17.13	178	2665962	19.968 ng/ul	99
71) Anthracene	17.22	178	2736790	20.127 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	666145	18.791 ng/uL	98
73) Pentachlorobenzene	14.66	250	636287	19.189 ng/uL	99
74) Carbazole	17.49	167	2495589	21.697 ng/ul	99
75) Di-n-butylphthalate	18.06	149	3068807	20.179 ng/ul	99
76) Fluoranthene	19.15	202	3218050	22.712 ng/ul	98
79) Pyrene	19.52	202	3262160	19.331 ng/ul	97
80) Butylbenzylphthalate	20.43	149	1507305	18.805 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.20	252	1212912	21.751 ng/ul	96
82) Benzo(a)anthracene	21.27	228	3365367	20.090 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	2228922	19.639 ng/ul	98
84) Chrysene	21.32	228	3167052	20.286 ng/ul	99
86) Di-n-octyl phthalate	22.09	149	3956520	20.737 ng/ul#	92
87) Benzo(b)fluoranthene	22.86	252	3433873	19.206 ng/ul	100
88) Benzo(k)fluoranthene	22.90	252	3396272	19.995 ng/ul	99
90) Benzo(a)pyrene	23.43	252	3358914	19.771 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	3912136	19.921 ng/ul	98
92) Dibenzo(a,h)anthracene	25.78	278	3260571	19.838 ng/ul	98
93) Benzo(g,h,i)perylene	26.45	276	3292417	19.952 ng/ul	99

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

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