Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082018\
Data File : BN002440.D
Acq On : 21 Aug 2018 01:28
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
Sohil
8/21/2018 4:47:39 PM

Quant Time: Aug 21 04:36:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 21 01:54:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	154876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	741761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	456686	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1061503	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1195042	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1246529	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	26160	7.97	ng/uL	0.00
5) Phenol-d5	6.85	99	271163	19.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	180282	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	213971	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	220603	19.43	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	112817	19.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	119332	19.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	224449	19.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	237496	19.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	733890	19.38	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	928144	19.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	126766	17.71	ng/ul	0.00
57) Fluorene-d10	15.30	176	643948	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	119834	17.73	ng/ul	0.00
70) Anthracene-d10	17.15	188	1006569	19.85	ng/ul	0.00
78) Pyrene-d10	19.45	212	1103395	19.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1281363	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	29659	8.449	ng/uL	89
4) Benzaldehyde	6.83	77	193306	19.814	ng/ul	91
6) Phenol	6.88	94	280293	19.381	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.10	93	220218	20.031	ng/ul#	86
10) 2-Chlorophenol	7.24	128	214522	19.699	ng/ul#	84
11) 2-Methylphenol	8.12	108	210419	19.279	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	386704	21.238	ng/ul#	84
14) Acetophenone	8.49	105	365105	20.116	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.48	70	193063	20.159	ng/ul#	81
16) 4-Methylphenol	8.44	108	232515	19.582	ng/ul	97
17) Hexachloroethane	8.73	117	90667	19.876	ng/ul	95
20) Nitrobenzene	8.86	77	283181	20.041	ng/ul	93
21) Isophorone	9.38	82	538579	19.772	ng/ul	95
23) 2-Nitrophenol	9.57	139	127370	19.516	ng/ul#	86
24) 2,4-Dimethylphenol	9.63	107	266658	19.925	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	315777	19.677	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	218563	19.783	ng/ul	98
28) Naphthalene	10.49	128	746354	19.556	ng/ul	99
30) 4-Chloroaniline	10.61	127	243875	19.559	ng/ul	98
31) Hexachlorobutadiene	10.78	225	136136	19.575	ng/ul	98
32) Caprolactam	11.36	113	79851m	19.240	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	250078	19.671	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	555215	19.711	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	272391	19.691 ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	146746	17.463 ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	173394	19.466 ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	183551	19.258 ng/ul	99
40) 1,1'-Biphenyl	13.13	154	718617	19.656 ng/ul	99
41) 2-Chloronaphthalene	13.17	162	561921	19.717 ng/ul	97
42) 2-Nitroaniline	13.39	65	181134	19.956 ng/ul#	79
44) Dimethylphthalate	13.76	163	722103	19.448 ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	146964	19.591 ng/ul	89
47) Acenaphthylene	14.02	152	877485	19.845 ng/ul	99
48) 3-Nitroaniline	14.22	138	135319	18.959 ng/ul	85
49) Acenaphthene	14.37	153	613544	19.670 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	65809	14.663 ng/ul#	1
52) 4-Nitrophenol	14.53	109	102084	18.821 ng/ul#	88
53) Dibenzofuran	14.70	168	864607	19.648 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	223323	19.745 ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	14.94	232	160683	19.308 ng/ul	98
56) Diethylphthalate	15.13	149	747578	19.734 ng/ul	99
58) Fluorene	15.36	166	714333	19.842 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	349694	19.680 ng/ul	96
60) 4-Nitroaniline	15.38	138	171550	18.598 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.45	198	122434	17.561 ng/ul#	92
64) N-Nitrosodiphenylamine	15.57	169	604104	19.476 ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	215507	19.901 ng/ul	96
66) Hexachlorobenzene	16.36	284	239707	19.834 ng/ul	93
67) Atrazine	16.53	200	218995	19.312 ng/ul	99
68) Pentachlorophenol	16.71	266	115226	17.033 ng/ul	98
69) Phenanthrene	17.09	178	1158201	19.792 ng/ul	99
71) Anthracene	17.19	178	1180969	19.898 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	294384	19.833 ng/uL	96
73) Pentachlorobenzene	14.63	250	276418	19.539 ng/uL	100
74) Carbazole	17.46	167	1050122	19.952 ng/ul	99
75) Di-n-butylphthalate	18.03	149	1272235	19.883 ng/ul	99
76) Fluoranthene	19.12	202	1361630	20.444 ng/ul	100
79) Pyrene	19.48	202	1410454	19.574 ng/ul	99
80) Butylbenzylphthalate	20.39	149	580655	19.018 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.17	252	406270	17.059 ng/ul	99
82) Benzo(a)anthracene	21.23	228	1450427	19.811 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	878468	19.182 ng/ul	98
84) Chrysene	21.29	228	1338632	19.318 ng/ul	100
86) Di-n-octyl phthalate	22.05	149	1531324	19.331 ng/ul#	91
87) Benzo(b)fluoranthene	22.80	252	1461211	19.556 ng/ul	100
88) Benzo(k)fluoranthene	22.85	252	1401342	19.907 ng/ul	100
90) Benzo(a)pyrene	23.37	252	1392663	19.566 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.69	276	1548415	18.286 ng/ul	98
92) Dibenzo(a,h)anthracene	25.69	278	1288627	18.203 ng/ul	100
93) Benzo(g,h,i)perylene	26.36	276	1236247	17.497 ng/ul	98

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

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