Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005210.D
Acq On : 23 Apr 2019 12:33
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02068

Manual Integrations APPROVED
Sohil
4/25/2019 5:36:56 AM

Quant Time: Apr 24 03:57:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	413976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1647779	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	935789	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2036567	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	1877730	20.00	ng/ul	0.01
85) Perylene-d12	23.45	264	2011038	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	70005	8.16	ng/uL	0.00
5) Phenol-d5	6.78	99	620559	19.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	376147	18.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	497961	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	481789	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	226736	22.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	241447	23.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	484585	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	521476	21.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1346024	19.82	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1667082	19.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	221231	20.63	ng/ul	0.00
57) Fluorene-d10	15.23	176	1133999	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	116878	12.76	ng/ul	0.00
70) Anthracene-d10	17.09	188	1719565	20.14	ng/ul	0.00
78) Pyrene-d10	19.40	212	1875499	19.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1790530	20.37	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	71566	7.760	ng/uL	95
4) Benzaldehyde	6.75	77	441464	19.160	ng/ul	97
6) Phenol	6.80	94	635276	18.996	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	507650	18.957	ng/ul	96
10) 2-Chlorophenol	7.17	128	508707	19.775	ng/ul	100
11) 2-Methylphenol	8.03	108	470342	18.769	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	800551	17.805	ng/ul	99
14) Acetophenone	8.41	105	778220	19.132	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.40	70	393483	18.084	ng/ul	93
16) 4-Methylphenol	8.36	108	512256	18.927	ng/ul	99
17) Hexachloroethane	8.66	117	210438	18.838	ng/ul	99
20) Nitrobenzene	8.78	77	582909	20.885	ng/ul	97
21) Isophorone	9.30	82	1076199	19.474	ng/ul	99
23) 2-Nitrophenol	9.48	139	264867	22.734	ng/ul	99
24) 2,4-Dimethylphenol	9.55	107	574875	19.706	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	666548	19.193	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	471894	20.288	ng/ul	96
28) Naphthalene	10.41	128	1544085	20.157	ng/ul	99
30) 4-Chloroaniline	10.52	127	524795	21.199	ng/ul	100
31) Hexachlorobutadiene	10.70	225	340060	20.703	ng/ul	98
32) Caprolactam	11.27	113	146687m	20.844	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	511249	19.520	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	1095844	19.537	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	609978	21.063 ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	265625	13.453 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	372348	21.322 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	401557	21.399 ng/ul	99
40) 1,1'-Biphenyl	13.06	154	1394133	19.995 ng/ul	99
41) 2-Chloronaphthalene	13.10	162	1075952	20.064 ng/ul	97
42) 2-Nitroaniline	13.30	65	317299	22.308 ng/ul	94
44) Dimethylphthalate	13.70	163	1327119	19.607 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	258169	22.089 ng/ul	96
47) Acenaphthylene	13.95	152	1652845	20.158 ng/ul	99
48) 3-Nitroaniline	14.13	138	243579	22.418 ng/ul	96
49) Acenaphthene	14.30	153	1113532	19.893 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	59884	10.519 ng/ul	98
52) 4-Nitrophenol	14.45	109	188187	19.329 ng/ul	93
53) Dibenzofuran	14.63	168	1614877	20.037 ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	368830	21.891 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.86	232	332436	21.295 ng/ul	97
56) Diethylphthalate	15.08	149	1357383	19.999 ng/ul	99
58) Fluorene	15.29	166	1248715	19.856 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	669711	20.075 ng/ul	99
60) 4-Nitroaniline	15.30	138	292857	21.620 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.37	198	124968	12.819 ng/ul#	94
64) N-Nitrosodiphenylamine	15.50	169	1105405	19.832 ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	417307	20.340 ng/ul	100
66) Hexachlorobenzene	16.29	284	442209	20.241 ng/ul	96
67) Atrazine	16.46	200	416842	20.088 ng/ul	96
68) Pentachlorophenol	16.63	266	233891	18.284 ng/ul	98
69) Phenanthrene	17.03	178	1994060	20.105 ng/ul	100
71) Anthracene	17.12	178	2033883	20.130 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	614976	20.674 ng/uL	99
73) Pentachlorobenzene	14.55	250	543422	20.297 ng/uL	98
74) Carbazole	17.39	167	1798158	20.717 ng/ul	100
75) Di-n-butylphthalate	17.98	149	2310832	21.219 ng/ul	100
76) Fluoranthene	19.06	202	2302247	20.927 ng/ul	99
79) Pyrene	19.43	202	2356749	19.493 ng/ul	98
80) Butylbenzylphthalate	20.37	149	1032356	21.567 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.15	252	721478	19.231 ng/ul	99
82) Benzo(a)anthracene	21.21	228	2326492	19.916 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1469993	19.944 ng/ul	97
84) Chrysene	21.27	228	2146812	19.802 ng/ul	99
86) Di-n-octyl phthalate	22.07	149	2561886	20.800 ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	2223277	19.667 ng/ul	97
88) Benzo(k)fluoranthene	22.83	252	2175043	20.146 ng/ul	99
90) Benzo(a)pyrene	23.35	252	2131104	20.056 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.63	276	2352726	20.027 ng/ul	99
92) Dibenzo(a,h)anthracene	25.64	278	2027946	20.340 ng/ul	100
93) Benzo(g,h,i)perylene	26.30	276	1641511	16.898 ng/ul	99

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

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