Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002026.D
Acq On : 12 Jul 2018 13:17
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02098

Manual Integrations APPROVED
Sohil
7/12/2018 3:04:17 PM

Quant Time: Jul 12 14:19:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 12 13:23:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	724646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	3387425	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	2020070	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.09	188	4591118	20.00	ng/ul	0.01
75) Chrysene-d12	21.30	240	4207077	20.00	ng/ul	0.02
83) Perylene-d12	23.55	264	3758910	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	116541	6.98	ng/uL	0.00
5) Phenol-d5	6.89	99	1336892	20.39	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	804930	19.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1068740	20.56	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	1078333	20.53	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	542371	21.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	616736	23.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	1125576	20.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.62	131	1466820	25.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	3163921	18.55	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4153145	19.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	632347	20.12	ng/ul	0.02
57) Fluorene-d10	15.34	176	2854114	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	518375	20.73	ng/ul	0.02
70) Anthracene-d10	17.19	188	4366940	19.69	ng/ul	0.01
76) Pyrene-d10	19.50	212	4699333	22.16	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.41	264	3940851	19.28	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	118846	6.914	ng/uL#	77
4) Benzaldehyde	6.86	77	856019	21.381	ng/ul	91
6) Phenol	6.92	94	1365760	20.652	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	1016253	19.823	ng/ul	93
10) 2-Chlorophenol	7.28	128	1058839	20.119	ng/ul	100
11) 2-Methylphenol	8.16	108	1034164	20.444	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1661824	20.664	ng/ul	94
14) Acetophenone	8.53	105	1639262	20.319	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	846852	20.353	ng/ul	93
16) 4-Methylphenol	8.49	108	1131787	20.532	ng/ul	95
17) Hexachloroethane	8.78	117	407826	19.653	ng/ul	86
20) Nitrobenzene	8.90	77	1251087	20.261	ng/ul	92
21) Isophorone	9.42	82	2397252	19.768	ng/ul	98
23) 2-Nitrophenol	9.61	139	633863	22.343	ng/ul	91
24) 2,4-Dimethylphenol	9.68	107	1246894	19.529	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.90	93	1448924	18.967	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	1081455	20.028	ng/ul	98
28) Naphthalene	10.53	128	3435434	19.112	ng/ul	99
30) 4-Chloroaniline	10.65	127	1430078	25.147	ng/ul	97
31) Hexachlorobutadiene	10.82	225	636658	19.308	ng/ul	97
32) Caprolactam	11.42	113	388705m	20.671	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	1197868	20.125	ng/ul	95
34) 2-Methylnaphthalene	12.15	142	2487842	19.081	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	1293239	19.711 ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	542573	13.563 ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	888943	20.773 ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	947688	20.798 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	3214220	19.156 ng/ul#	96
41) 2-Chloronaphthalene	13.22	162	2548823	19.460 ng/ul	98
42) 2-Nitroaniline	13.42	65	829073	22.688 ng/ul	95
44) Dimethylphthalate	13.80	163	3115436	18.582 ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	697847	22.044 ng/ul	96
47) Acenaphthylene	14.06	152	3954764	19.456 ng/ul	100
48) 3-Nitroaniline	14.26	138	757243	24.915 ng/ul	96
49) Acenaphthene	14.41	153	2714309	19.249 ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	329612	20.292 ng/ul#	88
52) 4-Nitrophenol	14.59	109	439770	18.819 ng/ul#	74
53) Dibenzofuran	14.75	168	3825993	18.913 ng/ul	97
54) 2,4-Dinitrotoluene	14.72	165	1009332	21.444 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.98	232	825085	20.516 ng/ul#	80
56) Diethylphthalate	15.17	149	3166221	18.635 ng/ul	98
58) Fluorene	15.40	166	3051842	18.909 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1492018	18.453 ng/ul	91
60) 4-Nitroaniline	15.42	138	840920	22.411 ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	15.49	198	538362	20.283 ng/ul	95
64) N-Nitrosodiphenylamine	15.61	169	2685824	19.562 ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	979624	19.643 ng/ul	95
66) Hexachlorobenzene	16.40	284	1083008	19.281 ng/ul#	93
67) Atrazine	16.57	200	1001423	19.998 ng/ul	99
68) Pentachlorophenol	16.75	266	615801	19.826 ng/ul	97
69) Phenanthrene	17.14	178	4918537	19.018 ng/ul	99
71) Anthracene	17.23	178	5100601	19.483 ng/ul	99
72) Carbazole	17.50	167	4622872	21.080 ng/ul	97
73) Di-n-butylphthalate	18.07	149	5651952	20.411 ng/ul	100
74) Fluoranthene	19.16	202	5841961	21.489 ng/ul#	90
77) Pyrene	19.53	202	5694122	21.628 ng/ul#	86
78) Butylbenzylphthalate	20.44	149	2682617	23.878 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.22	252	1803731	22.593 ng/ul#	98
80) Benzo(a)anthracene	21.29	228	5309309	19.968 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	3716297	22.183 ng/ul	99
82) Chrysene	21.34	228	4839889	19.564 ng/ul	99
84) Di-n-octyl phthalate	22.11	149	6594001	26.452 ng/ul	100
85) Benzo(b)fluoranthene	22.88	252	4582389	19.302 ng/ul#	96
86) Benzo(k)fluoranthene	22.92	252	4460063	19.373 ng/ul#	94
88) Benzo(a)pyrene	23.45	252	4248022	19.148 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.80	276	4629930	19.612 ng/ul#	85
90) Dibenzo(a,h)anthracene	25.81	278	3902268	19.862 ng/ul#	94
91) Benzo(g,h,i)perylene	26.49	276	3861796	19.831 ng/ul#	91

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

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