Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061918\
Data File : BN001873.D
Acq On : 19 Jun 2018 13:00
Operator : JU/SJ
Sample : SSTD04084
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD04084

Manual Integrations APPROVED
Sohil
6/20/2018 5:07:50 PM

Quant Time: Jun 19 13:32:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 19 13:01:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	424918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1923807	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1166816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2773223	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	2992553	20.00	ng/ul	0.01
83) Perylene-d12	23.54	264	3047924	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	154354	12.97	ng/uL	0.00
5) Phenol-d5	6.89	99	1586669	40.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	969655	42.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1263281	42.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	1270620	41.15	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	613377	39.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	659214	40.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	1305828	45.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	1417541	47.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	4001158	43.40	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	4989019	41.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	796062	46.51	ng/ul	0.00
57) Fluorene-d10	15.35	176	3440703	43.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	650319	40.95	ng/ul	0.00
70) Anthracene-d10	17.19	188	5364197	40.24	ng/ul	0.00
76) Pyrene-d10	19.49	212	6072754	36.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	6694345	46.53	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	159374	12.441	ng/uL#	78
4) Benzaldehyde	6.87	77	1038914	64.279	ng/ul	90
6) Phenol	6.92	94	1614672	39.923	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.15	93	1232539	38.404	ng/ul	94
10) 2-Chlorophenol	7.29	128	1264428	41.315	ng/ul	100
11) 2-Methylphenol	8.16	108	1229116	41.438	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	1932798	55.880	ng/ul	94
14) Acetophenone	8.53	105	1949497	42.471	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.53	70	1002612	41.762	ng/ul	92
16) 4-Methylphenol	8.49	108	1338695	42.156	ng/ul	95
17) Hexachloroethane	8.79	117	490325	38.399	ng/ul	87
20) Nitrobenzene	8.91	77	1452762	37.666	ng/ul	92
21) Isophorone	9.43	82	2864543	38.960	ng/ul	98
23) 2-Nitrophenol	9.61	139	707950	40.667	ng/ul	93
24) 2,4-Dimethylphenol	9.68	107	1485436	39.612	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.92	93	1748435	37.652	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	1269901	45.095	ng/ul	98
28) Naphthalene	10.55	128	4057830	40.166	ng/ul	99
30) 4-Chloroaniline	10.65	127	1389958	45.980	ng/ul	97
31) Hexachlorobutadiene	10.83	225	756500	48.479	ng/ul	96
32) Caprolactam	11.42	113	459690m	44.654	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	1414969	42.741	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	2960148	43.887	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	1522929	43.445	ng/ul#	97
37) Hexachlorocyclopentadiene	12.51	237	964232	52.751	ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	1046741	44.022	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	1118585	45.116	ng/ul	98
40) 1,1'-Biphenyl	13.18	154	3881166	39.074	ng/ul#	96
41) 2-Chloronaphthalene	13.22	162	3037993	39.677	ng/ul	98
42) 2-Nitroaniline	13.42	65	948700	40.894	ng/ul	98
44) Dimethylphthalate	13.81	163	3902934	42.803	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	825608	44.932	ng/ul	99
47) Acenaphthylene	14.07	152	4755242	39.914	ng/ul	100
48) 3-Nitroaniline	14.25	138	780159	43.977	ng/ul	95
49) Acenaphthene	14.41	153	3249432	40.004	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	402549	46.437	ng/ul#	88
52) 4-Nitrophenol	14.57	109	585487	44.263	ng/ul#	75
53) Dibenzofuran	14.75	168	4633890	42.002	ng/ul	97
54) 2,4-Dinitrotoluene	14.72	165	1212084	46.530	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.97	232	998503	52.740	ng/ul#	84
56) Diethylphthalate	15.19	149	4029121	43.291	ng/ul	98
58) Fluorene	15.40	166	3660957	41.758	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	1845461	45.555	ng/ul	92
60) 4-Nitroaniline	15.42	138	973760	48.858	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.48	198	696425	41.534	ng/ul#	99
64) N-Nitrosodiphenylamine	15.61	169	3325213	36.397	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	1222848	43.260	ng/ul	94
66) Hexachlorobenzene	16.40	284	1364003	45.699	ng/ul#	90
67) Atrazine	16.57	200	1276473	46.325	ng/ul	99
68) Pentachlorophenol	16.75	266	799327	50.727	ng/ul	98
69) Phenanthrene	17.14	178	6185408	38.716	ng/ul	99
71) Anthracene	17.23	178	6280392	38.337	ng/ul	99
72) Carbazole	17.50	167	5762360	41.019	ng/ul	97
73) Di-n-butylphthalate	18.08	149	7046533	36.885	ng/ul	100
74) Fluoranthene	19.16	202	7439132	46.858	ng/ul#	89
77) Pyrene	19.52	202	7373887	33.736	ng/ul#	85
78) Butylbenzylphthalate	20.45	149	3446851	31.748	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.22	252	2580491	44.138	ng/ul#	98
80) Benzo(a)anthracene	21.29	228	7461692	37.423	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.24	149	5020543	31.852	ng/ul	99
82) Chrysene	21.34	228	7009629	37.500	ng/ul	97
84) Di-n-octyl phthalate	22.13	149	8620182	33.601	ng/ul	100
85) Benzo(b)fluoranthene	22.87	252	7554614	39.227	ng/ul#	94
86) Benzo(k)fluoranthene	22.92	252	7380313	39.695	ng/ul#	95
88) Benzo(a)pyrene	23.45	252	7161777	39.512	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.79	276	7717061	39.485	ng/ul#	88
90) Dibenzo(a,h)anthracene	25.81	278	6405433	39.341	ng/ul#	95
91) Benzo(g,h,i)perylene	26.47	276	6301647	38.799	ng/ul#	91

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

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