Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002032.D
Acq On : 13 Jul 2018 13:53
Operator : JU/SJ
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
Sohil
7/16/2018 3:31:13 PM

Quant Time: Jul 13 14:53:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 13 13:14:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	461239	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2137356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1262791	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2819447	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	2506123	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	2336279	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	303982	31.71	ng/uL	0.00
5) Phenol-d5	6.90	99	3446367	93.70	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	2065070	89.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	2712004	89.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	2751521	91.56	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	1386813	100.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	1598121	129.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	2807890	88.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	3206646	89.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	7838566	78.56	ng/ul	0.01
46) Acenaphthylene-d8	14.04	160	9686080	76.43	ng/ul	0.01
51) 4-Nitrophenol-d4	14.58	143	1608622	99.34	ng/ul	0.02
57) Fluorene-d10	15.35	176	6594804	76.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	1520929	126.37	ng/ul	0.01
70) Anthracene-d10	17.20	188	9739548	73.33	ng/ul	0.01
78) Pyrene-d10	19.49	212	10206765	80.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	9482926	82.66	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	310119	30.042	ng/uL#	91
4) Benzaldehyde	6.86	77	1644431	78.194	ng/ul	96
6) Phenol	6.93	94	3439546	95.753	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	2587613	91.143	ng/ul#	87
10) 2-Chlorophenol	7.28	128	2679416	89.405	ng/ul#	89
11) 2-Methylphenol	8.16	108	2651263	96.928	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.24	45	4233880	80.452	ng/ul#	85
14) Acetophenone	8.53	105	4068802	91.540	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.53	70	2166698	91.107	ng/ul#	86
16) 4-Methylphenol	8.50	108	2833811	96.396	ng/ul	97
17) Hexachloroethane	8.78	117	1047250	86.228	ng/ul	99
20) Nitrobenzene	8.90	77	3138583	89.539	ng/ul	96
21) Isophorone	9.44	82	6156557	89.949	ng/ul	98
23) 2-Nitrophenol	9.61	139	1616667	112.339	ng/ul	90
24) 2,4-Dimethylphenol	9.68	107	3151498	86.679	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.91	93	3712031	88.144	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	2665954	90.037	ng/ul	99
28) Naphthalene	10.54	128	8302763	79.681	ng/ul	99
30) 4-Chloroaniline	10.65	127	3163720	92.770	ng/ul	99
31) Hexachlorobutadiene	10.82	225	1575430	79.720	ng/ul	99
32) Caprolactam	11.45	113	991304m	111.823	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	2978241	94.551	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	6038387	81.235	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	3074082	76.689 ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	2160920	80.895 ng/ul	100
38) 2,4,6-Trichlorophenol	12.77	196	2203466	92.549 ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	2318491	92.961 ng/ul	100
40) 1,1'-Biphenyl	13.17	154	7633048	75.479 ng/ul	97
41) 2-Chloronaphthalene	13.22	162	6037028	77.033 ng/ul	97
42) 2-Nitroaniline	13.43	65	2091289	114.521 ng/ul	86
44) Dimethylphthalate	13.81	163	7596140	79.013 ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	1769350	113.951 ng/ul	99
47) Acenaphthylene	14.07	152	9152374	76.143 ng/ul	97
48) 3-Nitroaniline	14.26	138	1637464	104.399 ng/ul	96
49) Acenaphthene	14.41	153	6419175	76.489 ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	1143092	170.104 ng/ul#	1
52) 4-Nitrophenol	14.60	109	1115834	90.653 ng/ul#	78
53) Dibenzofuran	14.75	168	8769305	76.147 ng/ul	99
54) 2,4-Dinitrotoluene	14.73	165	2450588	109.329 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.98	232	2027001	95.534 ng/ul	95
56) Diethylphthalate	15.18	149	7667111	79.714 ng/ul	97
58) Fluorene	15.40	166	6823183	72.735 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	3432081	71.431 ng/ul	93
60) 4-Nitroaniline	15.44	138	1840429	103.879 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.50	198	1555018	119.694 ng/ul#	96
64) N-Nitrosodiphenylamine	15.61	169	6311141	74.924 ng/ul	100
65) 4-Bromophenyl-phenylether	16.29	248	2371206	75.017 ng/ul	92
66) Hexachlorobenzene	16.40	284	2551142	72.182 ng/ul	93
67) Atrazine	16.57	200	2422172	82.558 ng/ul	98
68) Pentachlorophenol	16.75	266	1613529	86.870 ng/ul	100
69) Phenanthrene	17.14	178	10981379	72.697 ng/ul	97
71) Anthracene	17.23	178	10958034	71.249 ng/ul	95
72) 1,2,3,4-Tetrachlorobenzene	13.14	216	3295438	76.237 ng/uL	99
73) Pentachlorobenzene	14.67	250	2974755	71.437 ng/uL	100
74) Carbazole	17.50	167	10158510	79.783 ng/ul	98
75) Di-n-butylphthalate	18.07	149	12204138	77.209 ng/ul#	94
76) Fluoranthene	19.16	202	12310225	78.795 ng/ul#	92
79) Pyrene	19.53	202	11924903	76.161 ng/ul#	93
80) Butylbenzylphthalate	20.43	149	6079924	110.944 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.22	252	3793963	83.643 ng/ul	99
82) Benzo(a)anthracene	21.28	228	11458196	77.973 ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.22	149	7906764	96.749 ng/ul#	94
84) Chrysene	21.33	228	10476500	76.337 ng/ul	94
86) Di-n-octyl phthalate	22.10	149	12547441	91.573 ng/ul#	87
87) Benzo(b)fluoranthene	22.87	252	11073063	79.004 ng/ul	98
88) Benzo(k)fluoranthene	22.92	252	10020023	74.287 ng/ul	96
90) Benzo(a)pyrene	23.45	252	10007625	76.288 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.79	276	10392249	70.637 ng/ul	100
92) Dibenzo(a,h)anthracene	25.80	278	8613410	69.818 ng/ul	99
93) Benzo(g,h,i)perylene	26.48	276	8705872	72.786 ng/ul	99

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

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