Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071318\
Data File : BN002031.D
Acq On : 13 Jul 2018 13:18
Operator : JU/SJ
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04004

Quant Time: Jul 13 14:47:14 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	391309	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1826231	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1108177	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2543045	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	2650743	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	2887634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	135124	16.62	ng/uL	0.00
5) Phenol-d5	6.89	99	1533925	49.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	918464	46.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1199736	46.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	1231052	48.29	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	621639	52.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	710397	67.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1273106	47.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1649982	54.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	3779682	43.17	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4717188	42.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	761528	53.59	ng/ul	0.00
57) Fluorene-d10	15.34	176	3239863	43.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	704423	64.89	ng/ul	0.00
70) Anthracene-d10	17.19	188	4955129	41.36	ng/ul	0.00
78) Pyrene-d10	19.49	212	5464336	40.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	6253910	44.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	134772	15.389	ng/uL	92
4) Benzaldehyde	6.86	77	982062	55.043	ng/ul	96
6) Phenol	6.92	94	1553152	50.965	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.14	93	1164718	48.356	ng/ul#	87
10) 2-Chlorophenol	7.28	128	1194051	46.963	ng/ul#	90
11) 2-Methylphenol	8.15	108	1183726	51.010	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1909563	42.770	ng/ul#	85
14) Acetophenone	8.52	105	1896072	50.281	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.52	70	996723	49.401	ng/ul#	85
16) 4-Methylphenol	8.48	108	1289608	51.708	ng/ul	98
17) Hexachloroethane	8.77	117	460619	44.704	ng/ul	98
20) Nitrobenzene	8.90	77	1419842	47.407	ng/ul	96
21) Isophorone	9.42	82	2834443	48.467	ng/ul	97
23) 2-Nitrophenol	9.60	139	729066	59.292	ng/ul	90
24) 2,4-Dimethylphenol	9.67	107	1432714	46.119	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	1687832	46.906	ng/ul	99
27) 2,4-Dichlorophenol	10.14	162	1218027	48.145	ng/ul	99
28) Naphthalene	10.53	128	3886483	43.653	ng/ul	100
30) 4-Chloroaniline	10.65	127	1614286	55.400	ng/ul	99
31) Hexachlorobutadiene	10.82	225	703693	41.674	ng/ul	98
32) Caprolactam	11.42	113	262120	34.605	ng/ul#	57
33) 4-Chloro-3-methylphenol	11.79	107	1380438	51.291	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	2823009	44.448	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	1434988	40.793	ng/ul	99
37) Hexachlorocyclopentadiene	12.50	237	950748	40.557	ng/ul	100
38) 2,4,6-Trichlorophenol	12.77	196	1013553	48.510	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	1065879	48.700	ng/ul	99
40) 1,1'-Biphenyl	13.17	154	3660957	41.252	ng/ul	98
41) 2-Chloronaphthalene	13.21	162	2869065	41.717	ng/ul	96
42) 2-Nitroaniline	13.42	65	966796	60.329	ng/ul	88
44) Dimethylphthalate	13.80	163	3691617	43.757	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	817708	60.010	ng/ul	99
47) Acenaphthylene	14.06	152	4507954	42.736	ng/ul	99
48) 3-Nitroaniline	14.25	138	857042	62.266	ng/ul	95
49) Acenaphthene	14.40	153	3099064	42.080	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	486812	82.550	ng/ul#	1
52) 4-Nitrophenol	14.58	109	527776	48.860	ng/ul#	78
53) Dibenzofuran	14.75	168	4374215	43.282	ng/ul	95
54) 2,4-Dinitrotoluene	14.72	165	1176872	59.830	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.97	232	948928	50.964	ng/ul#	94
56) Diethylphthalate	15.17	149	3769913	44.664	ng/ul	98
58) Fluorene	15.39	166	3444996	41.847	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1707984	40.508	ng/ul	92
60) 4-Nitroaniline	15.42	138	952688	61.275	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.49	198	722300	61.640	ng/ul	96
64) N-Nitrosodiphenylamine	15.60	169	3090100	40.672	ng/ul	100
65) 4-Bromophenyl-phenylether	16.29	248	1124306	39.436	ng/ul#	90
66) Hexachlorobenzene	16.40	284	1244189	39.029	ng/ul	94
67) Atrazine	16.56	200	1178560	44.536	ng/ul	97
68) Pentachlorophenol	16.75	266	752936	44.943	ng/ul	98
69) Phenanthrene	17.13	178	5711845	41.922	ng/ul	100
71) Anthracene	17.23	178	5811612	41.894	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	1530010	39.242	ng/uL	99
73) Pentachlorobenzene	14.66	250	1413188	37.625	ng/uL	100
74) Carbazole	17.50	167	5310688	46.243	ng/ul	99
75) Di-n-butylphthalate	18.06	149	6579068	46.146	ng/ul	99
76) Fluoranthene	19.15	202	6728771	47.751	ng/ul	96
79) Pyrene	19.52	202	6706550	40.496	ng/ul	97
80) Butylbenzylphthalate	20.43	149	3253278	56.126	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.21	252	2497009	52.047	ng/ul	99
82) Benzo(a)anthracene	21.27	228	6747839	43.414	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.22	149	4512201	52.200	ng/ul#	96
84) Chrysene	21.33	228	6207245	42.762	ng/ul	97
86) Di-n-octyl phthalate	22.10	149	7996619	47.217	ng/ul#	92
87) Benzo(b)fluoranthene	22.86	252	7135844	41.192	ng/ul	98
88) Benzo(k)fluoranthene	22.91	252	6525674	39.143	ng/ul	98
90) Benzo(a)pyrene	23.44	252	6703421	41.343	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.79	276	8002595	44.009	ng/ul	100
92) Dibenzo(a,h)anthracene	25.80	278	6633896	43.506	ng/ul	99
93) Benzo(g,h,i)perylene	26.47	276	6790374	45.932	ng/ul	99

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

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