Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000453.D
Acq On : 19 Mar 2018 15:10
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV17

Quant Time: Mar 19 15:48:39 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 19 15:48:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	234948	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	966510	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	474948	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.77	188	871328	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	678528	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	670237	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	49934	7.59	ng/uL	0.00
5) Phenol-d5	7.55	99	432673	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.73	67	251776	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	322585	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	335415	19.65	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	151987	19.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	159252	19.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	285107	19.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.39	131	358344	23.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.43	166	712942	19.00	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	973009	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	128176	18.40	ng/ul	0.00
57) Fluorene-d10	16.02	176	600368	18.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	87060	17.45	ng/ul	0.00
70) Anthracene-d10	17.87	188	819164	19.56	ng/ul	0.00
76) Pyrene-d10	20.12	212	753880	20.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	611605	19.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	53463	7.548	ng/uL#	88
4) Benzaldehyde	7.54	77	177339	19.844	ng/ul	90
6) Phenol	7.58	94	445244	19.910	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.82	93	351052	19.783	ng/ul	96
10) 2-Chlorophenol	7.98	128	330218	19.514	ng/ul	96
11) 2-Methylphenol	8.86	108	322497	19.663	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.95	45	383141	20.034	ng/ul#	93
14) Acetophenone	9.25	105	512659	20.199	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.23	70	255291	19.232	ng/ul	93
16) 4-Methylphenol	9.19	108	343805	19.580	ng/ul	97
17) Hexachloroethane	9.52	117	136767	19.371	ng/ul#	70
20) Nitrobenzene	9.65	77	379731	19.597	ng/ul	93
21) Isophorone	10.17	82	709514	19.208	ng/ul	98
23) 2-Nitrophenol	10.37	139	172406	19.713	ng/ul	92
24) 2,4-Dimethylphenol	10.41	107	371351	19.711	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.64	93	452717	19.405	ng/ul	97
27) 2,4-Dichlorophenol	10.90	162	277321	19.602	ng/ul#	95
28) Naphthalene	11.31	128	999619	19.695	ng/ul	99
30) 4-Chloroaniline	11.41	127	362765	23.886	ng/ul	98
31) Hexachlorobutadiene	11.58	225	154342	19.687	ng/ul	97
32) Caprolactam	12.15	113	93302	18.040	ng/ul	87
33) 4-Chloro-3-methylphenol	12.51	107	314102	18.885	ng/ul	99
34) 2-Methylnaphthalene	12.90	142	657022	19.389	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.25	216	285427	20.004 ng/ul#	95
37) Hexachlorocyclopentadiene	13.22	237	136731	18.377 ng/ul	98
38) 2,4,6-Trichlorophenol	13.48	196	190326	19.664 ng/ul	98
39) 2,4,5-Trichlorophenol	13.56	196	198480	19.667 ng/ul	98
40) 1,1'-Biphenyl	13.88	154	804342	19.894 ng/ul#	94
41) 2-Chloronaphthalene	13.93	162	619131	19.865 ng/ul	96
42) 2-Nitroaniline	14.12	65	182665	19.344 ng/ul	95
44) Dimethylphthalate	14.48	163	704300	18.976 ng/ul#	98
45) 2,6-Dinitrotoluene	14.61	165	141944	18.978 ng/ul	89
47) Acenaphthylene	14.77	152	950206	19.594 ng/ul	100
48) 3-Nitroaniline	14.94	138	144829	20.056 ng/ul#	94
49) Acenaphthene	15.11	153	646099	19.541 ng/ul	99
50) 2,4-Dinitrophenol	15.15	184	53776	15.240 ng/ul#	77
52) 4-Nitrophenol	15.23	109	100641	18.692 ng/ul	87
53) Dibenzofuran	15.44	168	873584	19.453 ng/ul	99
54) 2,4-Dinitrotoluene	15.40	165	197294	18.607 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.65	232	143690	18.645 ng/ul#	94
56) Diethylphthalate	15.82	149	699506	18.465 ng/ul	96
58) Fluorene	16.08	166	684395	19.178 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.06	204	316423	19.189 ng/ul#	87
60) 4-Nitroaniline	16.09	138	131778	16.244 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.15	198	94537	17.945 ng/ul#	86
64) N-Nitrosodiphenylamine	16.27	169	573493	19.979 ng/ul	99
65) 4-Bromophenyl-phenylether	16.95	248	176893	19.917 ng/ul#	87
66) Hexachlorobenzene	17.08	284	182960	19.510 ng/ul#	84
67) Atrazine	17.20	200	176618	20.401 ng/ul	95
68) Pentachlorophenol	17.41	266	87783	17.731 ng/ul	96
69) Phenanthrene	17.81	178	973048	19.385 ng/ul	100
71) Anthracene	17.90	178	1001207	19.452 ng/ul	98
72) Carbazole	18.16	167	873412	19.788 ng/ul	97
73) Di-n-butylphthalate	18.68	149	1086296	18.098 ng/ul	99
74) Fluoranthene	19.79	202	970384	19.454 ng/ul#	79
77) Pyrene	20.15	202	982514	19.825 ng/ul#	79
78) Butylbenzylphthalate	21.00	149	456610	18.549 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.79	252	282289	21.295 ng/ul#	95
80) Benzo(a)anthracene	21.88	228	861456	19.055 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	646775	18.097 ng/ul#	96
82) Chrysene	21.93	228	795722	18.775 ng/ul	100
84) Di-n-octyl phthalate	22.71	149	1089350	19.310 ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	788214	18.612 ng/ul#	94
86) Benzo(k)fluoranthene	23.67	252	777124	19.007 ng/ul#	95
88) Benzo(a)pyrene	24.27	252	769341	19.302 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.95	276	869470	20.230 ng/ul#	79
90) Dibenzo(a,h)anthracene	26.95	278	725178	20.254 ng/ul#	92
91) Benzo(g,h,i)perylene	27.74	276	726358	20.337 ng/ul#	85

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

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