Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041918\
Data File : BM014734.D
Acq On : 19 Apr 2018 15:13
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV87

Quant Time: Apr 19 15:43:15 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 19 15:04:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	317479	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1324816	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	721733	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1540082	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1592454	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1571488	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	57039	7.84	ng/uL	0.00
5) Phenol-d5	7.67	99	507627	20.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	329547	20.94	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	428012	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	9.25	113	410586	20.98	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	198025	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	199522	20.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	394603	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	517387	27.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.54	166	1146345	20.35	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	1431547	20.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	210455	20.13	ng/ul	0.00
57) Fluorene-d10	16.12	176	984062	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	160145	19.22	ng/ul	0.00
70) Anthracene-d10	17.96	188	1476524	20.57	ng/ul	0.00
76) Pyrene-d10	20.19	212	1561709	20.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.29	264	1565235	20.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	61094	7.986	ng/uL#	80
4) Benzaldehyde	7.66	77	323719	25.074	ng/ul	89
6) Phenol	7.69	94	505073	20.916	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.94	93	406092	21.031	ng/ul	89
10) 2-Chlorophenol	8.10	128	419185	20.732	ng/ul	97
11) 2-Methylphenol	8.98	108	370429	20.870	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.07	45	759653	21.281	ng/ul	97
14) Acetophenone	9.38	105	615889	21.474	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.36	70	314190	21.110	ng/ul#	77
16) 4-Methylphenol	9.31	108	403498	21.126	ng/ul	94
17) Hexachloroethane	9.66	117	170447	20.609	ng/ul#	70
20) Nitrobenzene	9.77	77	464062	20.281	ng/ul	93
21) Isophorone	10.30	82	804287	20.554	ng/ul#	92
23) 2-Nitrophenol	10.49	139	217580	20.997	ng/ul#	73
24) 2,4-Dimethylphenol	10.53	107	446665	20.403	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.77	93	534488	20.318	ng/ul	96
27) 2,4-Dichlorophenol	11.02	162	375702	20.303	ng/ul#	87
28) Naphthalene	11.45	128	1306393	20.236	ng/ul	99
30) 4-Chloroaniline	11.54	127	494480	26.629	ng/ul	94
31) Hexachlorobutadiene	11.72	225	238736	20.050	ng/ul	94
32) Caprolactam	12.29	113	108575	20.365	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.62	107	386602	20.654	ng/ul	96
34) 2-Methylnaphthalene	13.02	142	918298	20.483	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.37	216	456674	20.184	ng/ul#	96
37) Hexachlorocyclopentadiene	13.34	237	308157	19.770	ng/ul	100
38) 2,4,6-Trichlorophenol	13.59	196	285989	20.465	ng/ul	97
39) 2,4,5-Trichlorophenol	13.66	196	306831	20.557	ng/ul	99
40) 1,1'-Biphenyl	13.99	154	1166075	20.092	ng/ul	99
41) 2-Chloronaphthalene	14.04	162	908910	20.167	ng/ul	99
42) 2-Nitroaniline	14.23	65	249022	20.879	ng/ul	90
44) Dimethylphthalate	14.59	163	1115102	20.475	ng/ul	98
45) 2,6-Dinitrotoluene	14.71	165	210832	21.106	ng/ul#	88
47) Acenaphthylene	14.87	152	1384732	20.545	ng/ul	100
48) 3-Nitroaniline	15.04	138	223496	22.737	ng/ul	85
49) Acenaphthene	15.21	153	966803	20.184	ng/ul	99
50) 2,4-Dinitrophenol	15.23	184	100363	18.096	ng/ul#	70
52) 4-Nitrophenol	15.32	109	155124	20.586	ng/ul#	81
53) Dibenzofuran	15.54	168	1345499	20.228	ng/ul	98
54) 2,4-Dinitrotoluene	15.48	165	309681	21.042	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.75	232	259641	20.501	ng/ul#	84
56) Diethylphthalate	15.92	149	1106306	20.180	ng/ul	94
58) Fluorene	16.18	166	1084506	20.192	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.16	204	543017	20.199	ng/ul	96
60) 4-Nitroaniline	16.18	138	229343	20.001	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.23	198	169666	19.593	ng/ul	92
64) N-Nitrosodiphenylamine	16.37	169	919815	20.595	ng/ul	100
65) 4-Bromophenyl-phenylether	17.04	248	328871	20.219	ng/ul	95
66) Hexachlorobenzene	17.17	284	383305	20.283	ng/ul#	94
67) Atrazine	17.29	200	314683	22.065	ng/ul	92
68) Pentachlorophenol	17.50	266	209366	19.480	ng/ul	98
69) Phenanthrene	17.90	178	1679747	20.309	ng/ul	99
71) Anthracene	17.99	178	1729148	20.600	ng/ul	99
72) Carbazole	18.25	167	1485749	20.749	ng/ul	99
73) Di-n-butylphthalate	18.77	149	1798513	20.655	ng/ul#	97
74) Fluoranthene	19.86	202	1880964	20.859	ng/ul#	83
77) Pyrene	20.22	202	1928385	20.726	ng/ul#	82
78) Butylbenzylphthalate	21.06	149	781264	20.582	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.84	252	671086	22.089	ng/ul#	95
80) Benzo(a)anthracene	21.93	228	1884805	20.240	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.81	149	1132810	20.331	ng/ul#	96
82) Chrysene	21.99	228	1786892	20.497	ng/ul	99
84) Di-n-octyl phthalate	22.77	149	1861359	20.594	ng/ul#	94
85) Benzo(b)fluoranthene	23.68	252	1870412	20.191	ng/ul#	96
86) Benzo(k)fluoranthene	23.73	252	1836182	20.612	ng/ul#	96
88) Benzo(a)pyrene	24.33	252	1788110	20.348	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.04	276	2115321	19.898	ng/ul#	88
90) Dibenzo(a,h)anthracene	27.05	278	1785339	19.946	ng/ul#	94
91) Benzo(g,h,i)perylene	27.84	276	1730215	19.784	ng/ul#	90

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

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