Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007270.D
Acq On : 24 Aug 2016 01:56
Operator : UM/SJ
Sample : MDL-BLK-W
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 24 06:54:42 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-W

Manual Integrations APPROVED
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8/24/2016 4:15:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	193953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	981348	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	715529	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1968556	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2905235	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	3283404	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	9806	2.58	ng/uL	0.00
5) Phenol-d5	6.97	99	422560	23.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	249889	25.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	335589	24.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	373650	23.39	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	180277	25.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	214295	25.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	381919	22.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	543868	26.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1626387	26.35	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1818220	25.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	295208	25.33	ng/ul	0.00
57) Fluorene-d10	15.43	176	1374107	25.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	297587	24.04	ng/ul	0.00
70) Anthracene-d10	17.27	188	2372012	25.79	ng/ul	0.00
76) Pyrene-d10	19.57	212	3034318	24.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3837699	25.38	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	28182	2.70	ng/ul	97
6) Phenol	7.00	94	37462	1.97	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	30119	2.28	ng/ul	98
10) 2-Chlorophenol	7.36	128	29071	2.10	ng/ul	96
11) 2-Methylphenol	8.24	108	26329	1.77	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.33	45	32661	2.19	ng/ul	96
14) Acetophenone	8.62	105	54475	2.22	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	27921	2.14	ng/ul#	97
16) 4-Methylphenol	8.56	108	33002	1.98	ng/ul	98
17) Hexachloroethane	8.87	117	11065	2.05	ng/ul#	79
20) Nitrobenzene	9.00	77	39976	2.16	ng/ul	95
21) Isophorone	9.52	82	76413	2.03	ng/ul	97
23) 2-Nitrophenol	9.70	139	20166	2.21	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	39979	1.98	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	43930	2.07	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	33121	1.99	ng/ul#	88
28) Naphthalene	10.63	128	103808	2.13	ng/ul	98
30) 4-Chloroaniline	10.75	127	45385	2.11	ng/ul	97
31) Hexachlorobutadiene	10.92	225	23793	2.12	ng/ul	99
32) Caprolactam	11.53	113	12664m	1.89	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	40076	1.95	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	83002	2.08	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	49522	2.08	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.60	237	23143	1.61	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	31609	1.88	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	32415	1.85	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	116880	2.11	ng/ul	97
41) 2-Chloronaphthalene	13.30	162	90530	2.08	ng/ul	97
42) 2-Nitroaniline	13.51	65	25265	1.78	ng/ul	94
44) Dimethylphthalate	13.89	163	135425	2.20	ng/ul	98
45) 2,6-Dinitrotoluene	14.01	165	23030	1.83	ng/ul	95
47) Acenaphthylene	14.15	152	157291	2.14	ng/ul	97
48) 3-Nitroaniline	14.34	138	24256	1.89	ng/ul	92
49) Acenaphthene	14.49	153	101713	2.12	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	10360	1.22	ng/ul	95
52) 4-Nitrophenol	14.64	109	27060	2.18	ng/ul	93
53) Dibenzofuran	14.83	168	156565	2.18	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	40009	2.08	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.06	232	35915	1.99	ng/ul#	91
56) Diethylphthalate	15.25	149	137911	2.15	ng/ul	98
58) Fluorene	15.48	166	132338	2.24	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	69720	2.26	ng/ul	99
60) 4-Nitroaniline	15.50	138	30982	2.13	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.56	198	27611	2.09	ng/ul#	42
64) N-Nitrosodiphenylamine	15.69	169	118533	2.16	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	47789	2.15	ng/ul	95
66) Hexachlorobenzene	16.48	284	53624	2.15	ng/ul	97
67) Atrazine	16.63	200	48778	2.10	ng/ul	94
68) Pentachlorophenol	16.83	266	25789	1.61	ng/ul	96
69) Phenanthrene	17.22	178	234518	2.22	ng/ul	99
71) Anthracene	17.31	178	236625	2.17	ng/ul	98
72) Carbazole	17.58	167	205770	2.17	ng/ul	98
73) Di-n-butylphthalate	18.14	149	239770	2.01	ng/ul	100
74) Fluoranthene	19.23	202	311556	2.35	ng/ul	98
77) Pyrene	19.60	202	338976	2.17	ng/ul	96
78) Butylbenzylphthalate	20.49	149	115645	1.78	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	121087	2.10	ng/ul	98
80) Benzo(a)anthracene	21.34	228	383182	2.24	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	176507	1.88	ng/ul	100
82) Chrysene	21.39	228	354183	2.28	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	317324	1.94	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	417585	2.15	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	411543	2.29	ng/ul	98
88) Benzo(a)pyrene	23.53	252	415453	2.24	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	512447	2.25	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	427701	2.26	ng/ul	97
91) Benzo(g,h,i)perylene	26.61	276	431266	2.23	ng/ul	98

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

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