Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002492.D
Acq On : 19 Aug 2015 15:41
Operator : UM/IZ
Sample : MDL-01-W
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-01-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:35:31 PM

Quant Time: Aug 20 03:21:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	97082	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	465974	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.42	164	269115	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	592957	20.00	ng/ul	0.00
78) Chrysene-d12	22.21	240	638672	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	656200	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	10437	4.97	ng/uL	0.00
5) Phenol-d5	7.93	99	221269	25.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	125348	24.17	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	199660	27.51	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	199676	26.54	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	104794	30.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.76	143	113222	36.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	186638	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.82	131	301267	33.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	648357	29.27	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	801477	28.75	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	116658	29.18	ng/ul	0.00
58) Fluorene-d10	16.39	176	544090	28.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.50	200	85018	36.49	ng/ul	0.00
71) Anthracene-d10	18.22	188	848204	29.48	ng/ul	0.00
79) Pyrene-d10	20.44	212	898525	29.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	1042457	29.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	926	0.39	ng/uL#	1
4) Benzaldehyde	7.93	77	12523	2.42	ng/ul	97
6) Phenol	7.96	94	18482	2.05	ng/ul	96
8) Bis(2-Chloroethyl)ether	8.21	93	15648	2.26	ng/ul	89
10) 2-Chlorophenol	8.37	128	16280	2.20	ng/ul	91
11) 2-Methylphenol	9.26	108	14803	2.08	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.35	45	21559	1.75	ng/ul#	94
14) Acetophenone	9.66	105	26050	2.32	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.63	70	12422	2.06	ng/ul	92
16) 4-Methylphenol	9.59	108	16458	2.11	ng/ul	94
17) Hexachloroethane	9.94	117	5929	2.03	ng/ul	95
20) Nitrobenzene	10.07	77	17344	2.14	ng/ul	90
21) Isophorone	10.58	82	35314	2.18	ng/ul	98
23) 2-Nitrophenol	10.79	139	9914	2.82	ng/ul	89
24) 2,4-Dimethylphenol	10.82	107	18459	2.14	ng/ul	99
25) Bis(2-Chloroethoxy)methane	11.05	93	21377	2.14	ng/ul	98
27) 2,4-Dichlorophenol	11.32	162	15567	2.39	ng/ul#	80
28) Naphthalene	11.75	128	57100	2.33	ng/ul	97
30) 4-Chloroaniline	11.84	127	25916	2.90	ng/ul	97
31) Hexachlorobutadiene	11.99	225	8807	2.34	ng/ul	91
32) Caprolactam	12.58	113	5775m	2.15	ng/ul	
33) 4-Chloro-3-methylphenol	12.90	107	17483	2.14	ng/ul	90
34) 2-Methylnaphthalene	13.29	142	41405	2.36	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.65	216	18257	2.36 ng/ul	99
38) Hexachlorocyclopentadiene	13.61	237	2789	0.61 ng/ul#	90
39) 2,4,6-Trichlorophenol	13.87	196	11547	2.40 ng/ul	97
40) 2,4,5-Trichlorophenol	13.95	196	12368	2.29 ng/ul	93
41) 1,1'-Biphenyl	14.26	154	53719	2.36 ng/ul	98
42) 2-Chloronaphthalene	14.32	162	40077	2.32 ng/ul	98
43) 2-Nitroaniline	14.50	65	10438	1.99 ng/ul#	86
45) Dimethylphthalate	14.83	163	54805	2.42 ng/ul	100
46) 2,6-Dinitrotoluene	14.97	165	10023	2.37 ng/ul	96
48) Acenaphthylene	15.15	152	70001	2.42 ng/ul	99
49) 3-Nitroaniline	15.30	138	12606	2.75 ng/ul#	89
50) Acenaphthene	15.47	153	45572	2.34 ng/ul	98
51) 2,4-Dinitrophenol	15.52	184	1526	1.04 ng/ul#	1
53) 4-Nitrophenol	15.59	109	5889	2.01 ng/ul	89
54) Dibenzofuran	15.80	168	63661	2.45 ng/ul	97
55) 2,4-Dinitrotoluene	15.75	165	15142	2.52 ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	16.02	232	8545	2.08 ng/ul#	99
57) Diethylphthalate	16.16	149	56420	2.33 ng/ul	98
59) Fluorene	16.44	166	54068	2.47 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.41	204	24354	2.42 ng/ul	95
61) 4-Nitroaniline	16.44	138	13557	2.56 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	16.51	198	7071	2.70 ng/ul#	71
65) N-Nitrosodiphenylamine	16.62	169	45322	2.33 ng/ul	98
66) 4-Bromophenyl-phenylether	17.30	248	14033	2.26 ng/ul	96
67) Hexachlorobenzene	17.43	284	16417	2.33 ng/ul	96
68) Atrazine	17.53	200	16402	2.42 ng/ul	97
69) Pentachlorophenol	17.77	266	2662	0.77 ng/ul	97
70) Phenanthrene	18.16	178	85233	2.50 ng/ul	99
72) Anthracene	18.26	178	85859	2.44 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.24	216	16919	2.10 ng/uL	98
74) Pentachlorobenzene	15.72	250	17984	2.31 ng/uL	96
75) Carbazole	18.51	167	80116	2.51 ng/ul	99
76) Di-n-butylphthalate	19.00	149	101035	2.36 ng/ul	98
77) Fluoranthene	20.12	202	95996	2.66 ng/ul	98
80) Pyrene	20.47	202	102224	2.48 ng/ul	94
81) Butylbenzylphthalate	21.28	149	47335	2.32 ng/ul	88
82) 3,3'-Dichlorobenzidine	22.09	252	37755	3.08 ng/ul	98
83) Benzo(a)anthracene	22.19	228	97997	2.51 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	22.03	149	70524	2.39 ng/ul	99
85) Chrysene	22.25	228	92136	2.49 ng/ul	99
87) Di-n-octyl phthalate	23.03	149	121502	2.43 ng/ul	100
88) Benzo(b)fluoranthene	24.04	252	101325	2.48 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	95022	2.43 ng/ul	98
91) Benzo(a)pyrene	24.75	252	97153	2.49 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.66	276	113830	2.54 ng/ul	97
93) Dibenzo(a,h)anthracene	27.67	278	95347	2.52 ng/ul	99
94) Benzo(g,h,i)perylene	28.54	276	93079	2.47 ng/ul	96

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

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