Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061516\
Data File : BM005787.D
Acq On : 14 Jun 2016 16:26
Operator : UM/SJ
Sample : SSTD02036
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 14 17:31:01 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 14 17:29:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88941	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	430451	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	225071	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	407734	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	423567	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	444605	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	15265	7.52	ng/uL	0.00
5) Phenol-d5	6.92	99	147377	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	90192	21.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	122861	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	127473	21.34	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	63063	19.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	70527	19.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	130915	19.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	159888	23.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	365100	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	457032	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	34842	10.03	ng/ul	0.00
57) Fluorene-d10	15.38	176	286398	17.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	33181	14.15	ng/ul	0.00
70) Anthracene-d10	17.23	188	375666	19.34	ng/ul	0.00
76) Pyrene-d10	19.53	212	390757	20.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	405600	19.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	27776	7.75	ng/uL	93
4) Benzaldehyde	6.89	77	66071	13.96	ng/ul	98
6) Phenol	6.95	94	150296	20.01	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.17	93	121252	21.37	ng/ul	97
10) 2-Chlorophenol	7.31	128	123718	20.27	ng/ul	100
11) 2-Methylphenol	8.19	108	121006	21.26	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.28	45	166009	21.91	ng/ul	99
14) Acetophenone	8.56	105	190842	21.22	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	103552	21.80	ng/ul	97
16) 4-Methylphenol	8.52	108	136217	22.04	ng/ul	98
17) Hexachloroethane	8.81	117	51817	21.22	ng/ul	97
20) Nitrobenzene	8.95	77	143388	17.98	ng/ul	96
21) Isophorone	9.46	82	305649	20.50	ng/ul	98
23) 2-Nitrophenol	9.65	139	75398	19.35	ng/ul	90
24) 2,4-Dimethylphenol	9.72	107	154917	19.24	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	176903	20.15	ng/ul	98
27) 2,4-Dichlorophenol	10.19	162	130076	19.34	ng/ul	98
28) Naphthalene	10.58	128	420944	19.47	ng/ul	99
30) 4-Chloroaniline	10.70	127	159920	22.85	ng/ul	99
31) Hexachlorobutadiene	10.86	225	81738	18.18	ng/ul	97
32) Caprolactam	11.46	113	40135	17.88	ng/ul	96
33) 4-Chloro-3-methylphenol	11.84	107	136696	18.55	ng/ul	97
34) 2-Methylnaphthalene	12.20	142	303933	19.21	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	157178	20.44	ng/ul	98
37) Hexachlorocyclopentadiene	12.54	237	19974	4.14	ng/ul	93
38) 2,4,6-Trichlorophenol	12.82	196	96625	19.28	ng/ul	99
39) 2,4,5-Trichlorophenol	12.90	196	100818	18.27	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	392848	20.79	ng/ul	100
41) 2-Chloronaphthalene	13.26	162	295977	20.33	ng/ul	98
42) 2-Nitroaniline	13.47	65	80214	18.31	ng/ul	92
44) Dimethylphthalate	13.84	163	360107	19.84	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	70251	19.14	ng/ul	96
47) Acenaphthylene	14.11	152	456041	19.54	ng/ul	100
48) 3-Nitroaniline	14.30	138	65607	19.29	ng/ul	98
49) Acenaphthene	14.45	153	296598	19.27	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	12467	6.07	ng/ul	94
52) 4-Nitrophenol	14.64	109	27084	7.76	ng/ul	83
53) Dibenzofuran	14.79	168	408074	18.57	ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	88239	16.47	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.02	232	69755	14.46	ng/ul	96
56) Diethylphthalate	15.20	149	347631	18.78	ng/ul	99
58) Fluorene	15.44	166	310836	17.68	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	157411	17.91	ng/ul	96
60) 4-Nitroaniline	15.47	138	44928	10.83	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.54	198	34646	14.06	ng/ul#	98
64) N-Nitrosodiphenylamine	15.65	169	266723	21.56	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	94607	20.83	ng/ul	100
66) Hexachlorobenzene	16.44	284	100897	19.50	ng/ul	98
67) Atrazine	16.59	200	93362	20.17	ng/ul	97
68) Pentachlorophenol	16.79	266	26753	8.61	ng/ul	97
69) Phenanthrene	17.17	178	443165	19.45	ng/ul	99
71) Anthracene	17.26	178	442216	19.04	ng/ul	99
72) Carbazole	17.54	167	388083	19.25	ng/ul	99
73) Di-n-butylphthalate	18.09	149	508527	20.79	ng/ul	99
74) Fluoranthene	19.19	202	485571	18.93	ng/ul	98
77) Pyrene	19.55	202	497139	20.42	ng/ul	96
78) Butylbenzylphthalate	20.44	149	222927	21.72	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	145949	19.01	ng/ul#	99
80) Benzo(a)anthracene	21.30	228	490896	19.72	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	320751	22.13	ng/ul	99
82) Chrysene	21.35	228	471424	19.90	ng/ul	100
84) Di-n-octyl phthalate	22.09	149	568573	22.30	ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	531560	20.27	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	482585	19.44	ng/ul	99
88) Benzo(a)pyrene	23.47	252	498128	19.58	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.86	276	581092	19.23	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.86	278	488712	19.42	ng/ul	98
91) Benzo(g,h,i)perylene	26.56	276	501864	19.76	ng/ul	98

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

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