Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\
Data File : BB058559.D
Acq On : 29 Sep 2016 15:07
Operator : UM/SJ
Sample : SSTD08071
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD08071

Quant Time: Sep 29 15:47:49 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	479638	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1866212	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1059725	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1644050	20.00	ng/ul	0.00
75) Chrysene-d12	22.81	240	1639605	20.00	ng/ul	0.02
83) Perylene-d12	25.89	264	1424156	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	369140	37.83	ng/uL	0.00
5) Phenol-d5	7.85	99	2944425	69.16	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.98	67	1934786	84.53	ng/ul	0.04
9) 2-Chlorophenol-d4	8.22	132	2775692	89.78	ng/ul	0.04
13) 4-Methylphenol-d8	9.49	113	2314876	63.70	ng/ul	0.04
19) Nitrobenzene-d5	9.91	128	1569387	117.63	ng/ul	0.02
22) 2-Nitrophenol-d4	10.68	143	1728772	114.05	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	11.26	165	2273671	75.28	ng/ul	0.02
29) 4-Chloroaniline-d4	11.78	131	2663608	84.00	ng/ul	0.04
43) Dimethylphthalate-d6	14.97	166	5220591	67.73	ng/ul	0.02
46) Acenaphthylene-d8	15.28	160	5910799	66.08	ng/ul	0.04
51) 4-Nitrophenol-d4	15.84	143	1494075	109.81	ng/ul	0.08
57) Fluorene-d10	16.61	176	4187971	61.95	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.78	200	1375444	137.11	ng/ul	0.06
70) Anthracene-d10	18.54	188	5276459	69.84	ng/ul	0.02
76) Pyrene-d10	20.89	212	4807737	73.89	ng/ul	0.04
87) Benzo(a)pyrene-d12	25.70	264	5319016	84.41	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	357490	34.94	ng/uL#	84
4) Benzaldehyde	7.73	77	1949686	68.28	ng/ul	95
6) Phenol	7.87	94	2809316	65.03	ng/ul#	82
8) Bis(2-Chloroethyl)ether	8.08	93	2416993	78.12	ng/ul	96
10) 2-Chlorophenol	8.23	128	2550870	82.28	ng/ul	96
11) 2-Methylphenol	9.18	108	2166448	65.07	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.26	45	3854213	114.53	ng/ul#	90
14) Acetophenone	9.56	105	3201312	57.85	ng/ul#	69
15) N-Nitroso-di-n-propylamine	9.62	70	1836353	65.35	ng/ul#	72
16) 4-Methylphenol	9.58	108	2278803	61.16	ng/ul	95
17) Hexachloroethane	9.83	117	1231053	97.05	ng/ul#	64
20) Nitrobenzene	9.97	77	2757432	80.65	ng/ul#	80
21) Isophorone	10.55	82	5271062	80.58	ng/ul#	93
23) 2-Nitrophenol	10.72	139	1717186	108.87	ng/ul#	86
24) 2,4-Dimethylphenol	10.80	107	2665096	73.05	ng/ul	93
25) Bis(2-Chloroethoxy)methane	11.03	93	2816413	75.46	ng/ul#	90
27) 2,4-Dichlorophenol	11.30	162	2192927	73.68	ng/ul	96
28) Naphthalene	11.70	128	5903150	65.48	ng/ul#	93
30) 4-Chloroaniline	11.80	127	2362402	71.18	ng/ul	95
31) Hexachlorobutadiene	12.03	225	1131014	52.03	ng/ul	100
32) Caprolactam	12.45	113	2769	0.25	ng/ul#	36
33) 4-Chloro-3-methylphenol	13.01	107	2355623	65.02	ng/ul	88
34) 2-Methylnaphthalene	13.34	142	4281227	60.52	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	1660056	53.13	ng/ul#	90
37) Hexachlorocyclopentadiene	13.74	237	1022857	60.96	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.99	196	1579697	79.24	ng/ul	99
39) 2,4,5-Trichlorophenol	14.07	196	1556814	71.36	ng/ul	97
40) 1,1'-Biphenyl	14.40	154	4655880	66.16	ng/ul#	89
41) 2-Chloronaphthalene	14.44	162	3958647	72.30	ng/ul	91
42) 2-Nitroaniline	14.63	65	1673530	99.47	ng/ul	90
44) Dimethylphthalate	15.03	163	4705965	62.94	ng/ul#	91
45) 2,6-Dinitrotoluene	15.15	165	1453929	98.04	ng/ul	98
47) Acenaphthylene	15.30	152	5587577	62.91	ng/ul#	90
48) 3-Nitroaniline	14.63	138	1973958	130.96	ng/ul#	43
49) Acenaphthene	15.67	153	3908153	64.00	ng/ul	91
50) 2,4-Dinitrophenol	15.71	184	1145779	115.67	ng/ul#	84
52) 4-Nitrophenol	15.86	109	948231	66.94	ng/ul#	69
53) Dibenzofuran	16.01	168	5102373	56.64	ng/ul#	73
54) 2,4-Dinitrotoluene	15.98	165	1906065	83.33	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	16.26	232	1321176	61.20	ng/ul	96
56) Diethylphthalate	16.46	149	5183356	67.95	ng/ul#	91
58) Fluorene	16.69	166	3894217	52.37	ng/ul#	93
59) 4-Chlorophenyl-phenylether	16.67	204	2033138	51.96	ng/ul#	88
60) 4-Nitroaniline	16.75	138	1633460	98.54	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.78	198	1384170	134.39	ng/ul#	86
64) N-Nitrosodiphenylamine	16.88	169	4119707	92.74	ng/ul	99
65) 4-Bromophenyl-phenylether	17.59	248	1393862	77.80	ng/ul	99
66) Hexachlorobenzene	17.75	284	1528940	75.74	ng/ul#	85
67) Atrazine	17.88	200	1456525	78.77	ng/ul#	89
68) Pentachlorophenol	18.09	266	1167951	92.41	ng/ul	99
69) Phenanthrene	18.48	178	5723075	65.73	ng/ul#	88
71) Anthracene	18.59	178	5728518	64.83	ng/ul#	87
72) Carbazole	18.84	167	5199557	66.20	ng/ul#	85
73) Di-n-butylphthalate	19.42	149	6354272	71.52	ng/ul#	83
74) Fluoranthene	20.54	202	5252325	47.84	ng/ul#	83
77) Pyrene	20.92	202	5645080	70.18	ng/ul	98
78) Butylbenzylphthalate	21.81	149	4306758	139.48	ng/ul	89
79) 3,3'-Dichlorobenzidine	22.72	252	1947246	64.64	ng/ul	97
80) Benzo(a)anthracene	22.79	228	5816556	64.92	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	22.70	149	4804134	107.91	ng/ul#	69
82) Chrysene	22.87	228	4472807	52.26	ng/ul#	89
84) Di-n-octyl phthalate	22.70	149	4804134	69.84	ng/ul#	63
85) Benzo(b)fluoranthene	24.99	252	8586657	107.46	ng/ul#	92
86) Benzo(k)fluoranthene	24.99	252	8572180	111.53	ng/ul#	93
88) Benzo(a)pyrene	25.80	252	5903179	76.98	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.32	278	5311990	76.16	ng/ul#	89
91) Benzo(g,h,i)perylene	30.28	276	4900983	68.98	ng/ul#	85

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

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