Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091018\
Data File : BM016708.D
Acq On : 10 Sep 2018 13:37
Operator : SJ/JU
Sample : SSTD04050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04050

Manual Integrations APPROVED
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9/11/2018 4:40:50 PM

Quant Time: Sep 10 14:26:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 13:31:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	202774	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	854340	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	453068	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	975510	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1041753	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	1072472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	76557	16.98	ng/uL	0.00
5) Phenol-d5	6.91	99	703803	36.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	432948	33.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	581655	39.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	542688	35.70	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	240805	37.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	229439	34.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	535059	39.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	686778	45.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	1472682	38.45	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1931590	41.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	252269	35.05	ng/ul	0.00
58) Fluorene-d10	15.38	176	1276541	38.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	163899	28.87	ng/ul	0.00
71) Anthracene-d10	17.23	188	1917745	39.92	ng/ul	0.00
79) Pyrene-d10	19.53	212	2049042	42.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	2297884	44.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	80296	16.251	ng/uL#	77
4) Benzaldehyde	6.89	77	453729	40.782	ng/ul	91
6) Phenol	6.94	94	699604	36.197	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	533066	35.033	ng/ul	93
10) 2-Chlorophenol	7.31	128	581703	40.637	ng/ul	99
11) 2-Methylphenol	8.18	108	527032	35.964	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	848066	34.386	ng/ul	95
14) Acetophenone	8.56	105	843803	36.317	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	428950	34.405	ng/ul#	89
16) 4-Methylphenol	8.51	108	552543	34.460	ng/ul	98
17) Hexachloroethane	8.82	117	227573	41.587	ng/ul	84
20) Nitrobenzene	8.94	77	595132	39.025	ng/ul	92
21) Isophorone	9.46	82	1149572	37.440	ng/ul	98
23) 2-Nitrophenol	9.65	139	268164	37.856	ng/ul	91
24) 2,4-Dimethylphenol	9.71	107	617875	40.765	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.95	93	704474	35.187	ng/ul	96
27) 2,4-Dichlorophenol	10.17	162	512926	39.199	ng/ul	98
28) Naphthalene	10.57	128	1764345	39.825	ng/ul	99
30) 4-Chloroaniline	10.69	127	680998	47.854	ng/ul	95
31) Hexachlorobutadiene	10.86	225	339641	45.732	ng/ul	96
32) Caprolactam	11.45	113	158848m	38.564	ng/ul	
33) 4-Chloro-3-methylphenol	11.81	107	544530	39.251	ng/ul	96
34) 2-Methylnaphthalene	12.19	142	1249031	37.965	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	1249031	39.861	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	631976	47.023	ng/ul#	97
38) Hexachlorocyclopentadiene	12.55	237	396537	52.639	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.80	196	375273	41.012	ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	409095	44.093	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	1520612	40.333	ng/ul#	96
42) 2-Chloronaphthalene	13.25	162	1208233	42.592	ng/ul	97
43) 2-Nitroaniline	13.46	65	298821	33.915	ng/ul	96
45) Dimethylphthalate	13.85	163	1428930	38.966	ng/ul	98
46) 2,6-Dinitrotoluene	13.96	165	256752	39.643	ng/ul	99
48) Acenaphthylene	14.10	152	1824145	39.125	ng/ul	99
49) 3-Nitroaniline	14.29	138	262229	32.836	ng/ul#	98
50) Acenaphthene	14.44	153	1287916	40.883	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	96535	24.125	ng/ul#	81
53) 4-Nitrophenol	14.59	109	189510	40.963	ng/ul#	77
54) Dibenzofuran	14.79	168	1751606	39.750	ng/ul	98
55) 2,4-Dinitrotoluene	14.74	165	376505	39.546	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.01	232	334781	39.592	ng/ul#	89
57) Diethylphthalate	15.23	149	1433156	37.554	ng/ul	97
59) Fluorene	15.43	166	1435463	38.869	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.44	204	729946	42.184	ng/ul	93
61) 4-Nitroaniline	15.45	138	313659	36.666	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.51	198	188370	32.386	ng/ul	97
65) N-Nitrosodiphenylamine	15.65	169	1240559	41.749	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	445283	44.691	ng/ul	96
67) Hexachlorobenzene	16.43	284	479032	43.676	ng/ul#	92
68) Atrazine	16.61	200	441307	42.864	ng/ul	98
69) Pentachlorophenol	16.77	266	264731	37.591	ng/ul	98
70) Phenanthrene	17.17	178	2178514	40.065	ng/ul	100
72) Anthracene	17.26	178	2272588	40.731	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	660497	50.811	ng/uL	98
74) Pentachlorobenzene	14.70	250	587320	44.548	ng/uL	99
75) Carbazole	17.53	167	1992366	41.856	ng/ul	98
76) Di-n-butylphthalate	18.12	149	2389096	38.212	ng/ul	99
77) Fluoranthene	19.19	202	2540383	45.423	ng/ul#	90
80) Pyrene	19.56	202	2597496	42.736	ng/ul#	89
81) Butylbenzylphthalate	20.48	149	1030867	36.880	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.24	252	887347	46.903	ng/ul#	98
83) Benzo(a)anthracene	21.30	228	2593150	45.209	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	1584849	36.920	ng/ul	97
85) Chrysene	21.36	228	2425671	46.647	ng/ul	99
87) Di-n-octyl phthalate	22.16	149	2680302	35.214	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	2578742	39.969	ng/ul#	97
89) Benzo(k)fluoranthene	22.94	252	2568458	41.451	ng/ul#	96
91) Benzo(a)pyrene	23.47	252	2530692	41.556	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.83	276	2991235	44.651	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.85	278	2517868	44.326	ng/ul#	95
94) Benzo(g,h,i)perylene	26.52	276	2482706	45.763	ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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