Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016119.D
Acq On : 28 Jul 2018 03:47
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
Sohil
7/30/2018 5:48:14 PM

Quant Time: Jul 28 04:42:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 27 23:04:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	53520	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	245217	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	147623	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	318915m	20.00	ng/ul	0.00
77) Chrysene-d12	21.68	240	298193	20.00	ng/ul	0.00
85) Perylene-d12	24.04	264	237803	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	10774	8.86	ng/uL	0.00
5) Phenol-d5	7.36	99	88393	18.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	57967	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	79639	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	78958	18.85	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	36882	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	41847	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	79425	20.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	104909	22.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	263185	19.56	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	309130	20.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	37497	16.08	ng/ul	0.00
57) Fluorene-d10	15.81	176	216354	18.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	37796	17.76	ng/ul	0.00
70) Anthracene-d10	17.66	188	321790	19.71	ng/ul	0.00
78) Pyrene-d10	19.92	212	327944	23.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.89	264	260023	19.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	11390	9.605	ng/uL#	80
4) Benzaldehyde	7.34	77	66197	21.058	ng/ul	88
6) Phenol	7.38	94	89313	18.186	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.62	93	68583	18.911	ng/ul#	88
10) 2-Chlorophenol	7.76	128	77919	19.755	ng/ul#	90
11) 2-Methylphenol	8.65	108	69775	18.473	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.73	45	105306	18.282	ng/ul#	95
14) Acetophenone	9.04	105	129127	18.554	ng/ul#	75
15) N-Nitroso-di-n-propylamine	9.02	70	66899	19.216	ng/ul#	65
16) 4-Methylphenol	8.98	108	76314	18.295	ng/ul	99
17) Hexachloroethane	9.27	117	40143	22.613	ng/ul	84
20) Nitrobenzene	9.43	77	102869	20.669	ng/ul#	85
21) Isophorone	9.95	82	174586	20.106	ng/ul#	97
23) 2-Nitrophenol	10.14	139	44580	20.749	ng/ul#	60
24) 2,4-Dimethylphenol	10.19	107	98126	19.969	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.42	93	96132	19.027	ng/ul	100
27) 2,4-Dichlorophenol	10.67	162	76856	20.246	ng/ul	99
28) Naphthalene	11.07	128	254081	19.551	ng/ul	99
30) 4-Chloroaniline	11.19	127	101451	21.570	ng/ul	100
31) Hexachlorobutadiene	11.32	225	57729	21.648	ng/ul	96
32) Caprolactam	11.98	113	22129	17.295	ng/ul#	63
33) 4-Chloro-3-methylphenol	12.30	107	88347	19.822	ng/ul	96
34) 2-Methylnaphthalene	12.66	142	184521	19.136	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	95323	20.805	ng/ul#	94
37) Hexachlorocyclopentadiene	12.99	237	40311	18.557	ng/ul	94
38) 2,4,6-Trichlorophenol	13.27	196	63036	21.307	ng/ul	96
39) 2,4,5-Trichlorophenol	13.35	196	62111	19.761	ng/ul	97
40) 1,1'-Biphenyl	13.66	154	249141	19.929	ng/ul	100
41) 2-Chloronaphthalene	13.71	162	192312	19.932	ng/ul	97
42) 2-Nitroaniline	13.93	65	64424	20.866	ng/ul#	73
44) Dimethylphthalate	14.28	163	257401	19.316	ng/ul	100
45) 2,6-Dinitrotoluene	14.42	165	49778	20.906	ng/ul#	67
47) Acenaphthylene	14.55	152	300780	20.012	ng/ul	98
48) 3-Nitroaniline	14.75	138	47499	19.373	ng/ul	93
49) Acenaphthene	14.89	153	214494	19.649	ng/ul	96
50) 2,4-Dinitrophenol	14.97	184	20394	15.500	ng/ul#	1
52) 4-Nitrophenol	15.06	109	51304	18.458	ng/ul#	72
53) Dibenzofuran	15.22	168	295699	18.982	ng/ul#	85
54) 2,4-Dinitrotoluene	15.21	165	73991	19.361	ng/ul#	26
55) 2,3,4,6-Tetrachlorophenol	15.45	232	55969	19.548	ng/ul#	81
56) Diethylphthalate	15.63	149	285731	19.728	ng/ul	96
58) Fluorene	15.87	166	241342	19.121	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.85	204	122092	19.411	ng/ul	93
60) 4-Nitroaniline	15.91	138	46133	17.154	ng/ul#	50
63) 4,6-Dinitro-2-methylphenol	15.97	198	38240	17.543	ng/ul#	74
64) N-Nitrosodiphenylamine	16.07	169	202850	20.534	ng/ul	96
65) 4-Bromophenyl-phenylether	16.74	248	71076m	20.680	ng/ul	
66) Hexachlorobenzene	16.86	284	75990	19.802	ng/ul#	87
67) Atrazine	17.01	200	78749	19.974	ng/ul	97
68) Pentachlorophenol	17.21	266	37497	18.176	ng/ul	97
69) Phenanthrene	17.60	178	366578m	19.441	ng/ul	
71) Anthracene	17.69	178	379157	19.502	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.63	216	99784	22.366	ng/uL	100
73) Pentachlorobenzene	15.14	250	91296	20.916	ng/uL	97
74) Carbazole	17.96	167	324058	18.392	ng/ul	97
75) Di-n-butylphthalate	18.49	149	465541	20.680	ng/ul#	97
76) Fluoranthene	19.59	202	400475	16.923	ng/ul#	94
79) Pyrene	19.94	202	412373	23.458	ng/ul#	94
80) Butylbenzylphthalate	20.80	149	207369	24.520	ng/ul	86
81) 3,3'-Dichlorobenzidine	21.59	252	120334	18.345	ng/ul	98
82) Benzo(a)anthracene	21.66	228	382165	19.823	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.55	149	280878	22.648	ng/ul	94
84) Chrysene	21.72	228	352099	19.524	ng/ul	98
86) Di-n-octyl phthalate	22.46	149	430089	23.091	ng/ul#	83
87) Benzo(b)fluoranthene	23.32	252	321222	21.058	ng/ul	99
88) Benzo(k)fluoranthene	23.37	252	299380	20.531	ng/ul	97
90) Benzo(a)pyrene	23.93	252	289555	19.742	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.45	276	300878	16.684	ng/ul#	93
92) Dibenzo(a,h)anthracene	26.45	278	251802	16.489	ng/ul	97
93) Benzo(g,h,i)perylene	27.19	276	241215	16.729	ng/ul	95

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

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