Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026944.D
Acq On : 30 Jul 2020 17:22
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Quant Time: Jul 30 17:54:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 30 09:40:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	68881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	260332	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	160887	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	332801	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	356231	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	359150	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	12617	8.36	ng/uL	0.00
5) Phenol-d5	6.84	99	107354	17.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	75784	18.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	82405	18.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	80526	17.34	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	37904	18.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	35048	18.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	82240	18.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	94026	17.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	237959	18.86	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	293667	18.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	38480	18.03	ng/ul	0.00
58) Fluorene-d10	15.29	176	208602	19.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	26523	17.88	ng/ul	0.00
71) Anthracene-d10	17.14	188	313831	18.87	ng/ul	0.00
79) Pyrene-d10	19.43	212	338422	17.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	377744	18.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	15025	8.007	ng/uL	96
4) Benzaldehyde	6.81	77	89616	18.229	ng/ul	96
6) Phenol	6.87	94	115596	17.902	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.10	93	92976	18.195	ng/ul	99
10) 2-Chlorophenol	7.23	128	87454	18.653	ng/ul	99
11) 2-Methylphenol	8.10	108	79706	17.253	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	78216	17.285	ng/ul	95
14) Acetophenone	8.48	105	139992	18.172	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	81843	17.590	ng/ul	94
16) 4-Methylphenol	8.43	108	86710	17.612	ng/ul	96
17) Hexachloroethane	8.74	117	42706	19.112	ng/ul	98
20) Nitrobenzene	8.85	77	130162	19.842	ng/ul	99
21) Isophorone	9.37	82	201480	17.421	ng/ul	100
23) 2-Nitrophenol	9.55	139	41475	19.586	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	101961	18.432	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	118914	18.455	ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	81310	18.836	ng/ul	96
28) Naphthalene	10.49	128	274284	18.858	ng/ul	99
30) 4-Chloroaniline	10.59	127	94225	17.681	ng/ul	98
31) Hexachlorobutadiene	10.79	225	61625	20.216	ng/ul	96
32) Caprolactam	11.34	113	22107	16.399	ng/ul	96
33) 4-Chloro-3-methylphenol	11.72	107	89192	18.531	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	191699	18.644	ng/ul	100

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35) 1-Methylnaphthalene	12.32	142	189448	18.857 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	104924	19.080 ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	62899	16.869 ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	59367	18.840 ng/ul	96
40) 2,4,5-Trichlorophenol	12.79	196	64729	19.224 ng/ul	98
41) 1,1'-Biphenyl	13.13	154	250730	18.650 ng/ul	96
42) 2-Chloronaphthalene	13.17	162	205337	18.981 ng/ul	99
43) 2-Nitroaniline	13.36	65	63973	19.884 ng/ul	94
45) Dimethylphthalate	13.76	163	247972	18.729 ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	45783	19.614 ng/ul	92
48) Acenaphthylene	14.01	152	302098	18.521 ng/ul	98
49) 3-Nitroaniline	14.19	138	43353	19.001 ng/ul	97
50) Acenaphthene	14.36	153	211328	18.805 ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	16706	17.873 ng/ul#	90
53) 4-Nitrophenol	14.50	109	45211	21.149 ng/ul	91
54) Dibenzofuran	14.69	168	292733	18.792 ng/ul	95
55) 2,4-Dinitrotoluene	14.65	165	68929	20.553 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.92	232	52295	19.797 ng/ul	99
57) Diethylphthalate	15.14	149	253637	19.105 ng/ul	99
59) Fluorene	15.35	166	250074	19.064 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	125153	19.170 ng/ul	96
61) 4-Nitroaniline	15.35	138	53808	19.241 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.42	198	29515	17.508 ng/ul	93
65) N-Nitrosodiphenylamine	15.56	169	205352	18.862 ng/ul	99
66) 4-Bromophenyl-phenylether	16.24	248	72910	18.675 ng/ul	97
67) Hexachlorobenzene	16.35	284	88676	20.029 ng/ul	97
68) Atrazine	16.51	200	71450	17.879 ng/ul	99
69) Pentachlorophenol	16.69	266	40850	18.542 ng/ul	99
70) Phenanthrene	17.08	178	388832	19.248 ng/ul	99
72) Anthracene	17.17	178	398429	19.189 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	98744	18.886 ng/uL	99
74) Pentachlorobenzene	14.62	250	97442	19.222 ng/uL	96
75) Carbazole	17.44	167	340457	18.549 ng/ul	99
76) Di-n-butylphthalate	18.02	149	399200	18.488 ng/ul	98
77) Fluoranthene	19.10	202	443005	18.573 ng/ul	99
80) Pyrene	19.46	202	470063	18.137 ng/ul	99
81) Butylbenzylphthalate	20.38	149	166450	17.272 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.15	252	136190	16.170 ng/ul	98
83) Benzo(a)anthracene	21.22	228	459135	18.699 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	251591	17.413 ng/ul	98
85) Chrysene	21.27	228	448791	18.743 ng/ul	99
87) Di-n-octyl phthalate	22.05	149	417681	15.828 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	479741	18.673 ng/ul	100
89) Benzo(k)fluoranthene	22.82	252	464134	18.826 ng/ul	99
91) Benzo(a)pyrene	23.35	252	437225	18.859 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.65	276	546337	18.996 ng/ul	97
93) Dibenzo(a,h)anthracene	25.66	278	463777	19.066 ng/ul	99
94) Benzo(g,h,i)perylene	26.32	276	451603	18.990 ng/ul	99

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

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