Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026936.D
Acq On : 29 Jul 2020 21:20
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

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7/30/2020 3:32:51 PM

Quant Time: Jul 30 01:47:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 30 01:20:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	96652	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	373297	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	238545	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	518694	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	563131	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	560927	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	16956	8.00	ng/uL	0.00
5) Phenol-d5	6.84	99	162127	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	112392	19.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	127132	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	128559	19.73	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	60572	20.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	57273	21.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	130447	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	154246	20.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	376715	20.14	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	472169	19.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	67558	21.35	ng/ul	0.00
58) Fluorene-d10	15.30	176	337153	20.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	47238	20.43	ng/ul	0.00
71) Anthracene-d10	17.14	188	516855	19.94	ng/ul	0.00
79) Pyrene-d10	19.44	212	571070	19.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	641104	20.25	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	20327	7.720	ng/uL	92
4) Benzaldehyde	6.81	77	134105	19.441	ng/ul	98
6) Phenol	6.87	94	174526	19.262	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.10	93	136512	19.039	ng/ul	98
10) 2-Chlorophenol	7.24	128	128978	19.605	ng/ul	99
11) 2-Methylphenol	8.11	108	125480	19.357	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	120965	19.051	ng/ul	99
14) Acetophenone	8.48	105	213518	19.753	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	128831	19.733	ng/ul	97
16) 4-Methylphenol	8.43	108	135546	19.621	ng/ul	100
17) Hexachloroethane	8.74	117	63034	20.103	ng/ul	94
20) Nitrobenzene	8.85	77	196682	20.909	ng/ul	99
21) Isophorone	9.38	82	325300	19.616	ng/ul	98
23) 2-Nitrophenol	9.56	139	64960	21.393	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	161325	20.339	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	181661	19.662	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	130396	21.066	ng/ul	97
28) Naphthalene	10.49	128	417317	20.010	ng/ul	98
30) 4-Chloroaniline	10.59	127	154143	20.171	ng/ul	100
31) Hexachlorobutadiene	10.80	225	87799	20.086	ng/ul	99
32) Caprolactam	11.34	113	39431m	20.399	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	143183	20.746	ng/ul	100
34) 2-Methylnaphthalene	12.11	142	299338	20.302	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	291247	20.217 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	161751	19.839 ng/ul	99
38) Hexachlorocyclopentadiene	12.48	237	93681	16.946 ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	96346	20.621 ng/ul	98
40) 2,4,5-Trichlorophenol	12.79	196	107016	21.436 ng/ul	99
41) 1,1'-Biphenyl	13.13	154	396374	19.885 ng/ul	99
42) 2-Chloronaphthalene	13.17	162	322774	20.123 ng/ul	99
43) 2-Nitroaniline	13.37	65	107694	22.576 ng/ul	96
45) Dimethylphthalate	13.76	163	401684	20.462 ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	78714	22.743 ng/ul	96
48) Acenaphthylene	14.02	152	484440	20.031 ng/ul	99
49) 3-Nitroaniline	14.20	138	72734	21.500 ng/ul	99
50) Acenaphthene	14.37	153	334385	20.069 ng/ul	100
51) 2,4-Dinitrophenol	14.40	184	30489	22.000 ng/ul	94
53) 4-Nitrophenol	14.51	109	72623	22.913 ng/ul	91
54) Dibenzofuran	14.70	168	469499	20.328 ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	117106	23.550 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.92	232	88390	22.568 ng/ul	99
57) Diethylphthalate	15.14	149	410285	20.843 ng/ul	99
59) Fluorene	15.35	166	408352	20.996 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	198948	20.553 ng/ul	99
61) 4-Nitroaniline	15.36	138	90879	21.918 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.42	198	51418	19.570 ng/ul#	94
65) N-Nitrosodiphenylamine	15.56	169	332869	19.617 ng/ul	99
66) 4-Bromophenyl-phenylether	16.24	248	121212	19.920 ng/ul	97
67) Hexachlorobenzene	16.36	284	139453	20.209 ng/ul	96
68) Atrazine	16.52	200	123186	19.778 ng/ul	97
69) Pentachlorophenol	16.69	266	72957	21.248 ng/ul	95
70) Phenanthrene	17.08	178	628250	19.954 ng/ul	100
72) Anthracene	17.18	178	651827	20.142 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	153461	18.832 ng/uL	99
74) Pentachlorobenzene	14.62	250	155427	19.672 ng/uL	98
75) Carbazole	17.44	167	573037	20.031 ng/ul	99
76) Di-n-butylphthalate	18.03	149	709287	21.077 ng/ul	99
77) Fluoranthene	19.10	202	760268	20.451 ng/ul	99
80) Pyrene	19.47	202	777426	18.975 ng/ul	98
81) Butylbenzylphthalate	20.38	149	315547	20.713 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.15	252	250033	18.779 ng/ul	99
83) Benzo(a)anthracene	21.22	228	774518	19.954 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	480485	21.037 ng/ul	100
85) Chrysene	21.27	228	744600	19.672 ng/ul	100
87) Di-n-octyl phthalate	22.05	149	803896	19.505 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	828371	20.644 ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	759442	19.723 ng/ul	99
91) Benzo(a)pyrene	23.35	252	730217	20.167 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.65	276	924819	20.589 ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	775730	20.419 ng/ul	97
94) Benzo(g,h,i)perylene	26.32	276	758498	20.421 ng/ul	97

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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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