Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026882.D
Acq On : 28 Jul 2020 08:36
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02010

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Quant Time: Jul 28 10:46:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 10:40:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	64781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	256095	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	170292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	375350	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	400300	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	402729	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	11153	7.85	ng/uL	0.00
5) Phenol-d5	6.84	99	108430	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	74739	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	81907	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	84522	19.36	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	38425	19.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	34210	18.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	85270	19.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	100684	19.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	267460	20.03	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	333257	19.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	43249	19.15	ng/ul	0.00
58) Fluorene-d10	15.30	176	241223	20.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	28230	16.87	ng/ul	0.00
71) Anthracene-d10	17.15	188	375174	20.00	ng/ul	0.00
79) Pyrene-d10	19.44	212	408621	19.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	445476	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	13495	7.647	ng/uL	97
4) Benzaldehyde	6.81	77	89906	19.445	ng/ul	98
6) Phenol	6.87	94	116847	19.241	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.10	93	95676	19.909	ng/ul	98
10) 2-Chlorophenol	7.24	128	87231	19.783	ng/ul	98
11) 2-Methylphenol	8.11	108	81983	18.869	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	79880	18.770	ng/ul	95
14) Acetophenone	8.48	105	145733	20.114	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.48	70	85569	19.554	ng/ul	92
16) 4-Methylphenol	8.44	108	91050	19.664	ng/ul	96
17) Hexachloroethane	8.75	117	43862	20.871	ng/ul	94
20) Nitrobenzene	8.85	77	132940	20.600	ng/ul	99
21) Isophorone	9.38	82	221598	19.478	ng/ul	98
23) 2-Nitrophenol	9.57	139	40394	19.391	ng/ul	100
24) 2,4-Dimethylphenol	9.63	107	108127	19.871	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	124313	19.612	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	87206	20.536	ng/ul	98
28) Naphthalene	10.50	128	288553	20.168	ng/ul	99
30) 4-Chloroaniline	10.60	127	103401	19.723	ng/ul	95
31) Hexachlorobutadiene	10.80	225	61711	20.579	ng/ul	98
32) Caprolactam	11.34	113	25441m	19.184	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	95346	20.137	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	208645	20.627	ng/ul	97

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35) 1-Methylnaphthalene	12.34	142	202967	20.537 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	111710	19.193 ng/ul	98
38) Hexachlorocyclopentadiene	12.48	237	73024	18.503 ng/ul	96
39) 2,4,6-Trichlorophenol	12.73	196	62053	18.605 ng/ul	98
40) 2,4,5-Trichlorophenol	12.80	196	69004	19.362 ng/ul	94
41) 1,1'-Biphenyl	13.14	154	277853	19.526 ng/ul	99
42) 2-Chloronaphthalene	13.17	162	225555	19.698 ng/ul	99
43) 2-Nitroaniline	13.37	65	70832	20.800 ng/ul	97
45) Dimethylphthalate	13.77	163	280863	20.041 ng/ul	98
46) 2,6-Dinitrotoluene	13.88	165	51016	20.648 ng/ul	96
48) Acenaphthylene	14.02	152	337267	19.535 ng/ul	100
49) 3-Nitroaniline	14.20	138	48416	20.048 ng/ul	97
50) Acenaphthene	14.37	153	243518	20.473 ng/ul	100
51) 2,4-Dinitrophenol	14.41	184	17554	17.743 ng/ul	91
53) 4-Nitrophenol	14.51	109	49575	21.910 ng/ul	87
54) Dibenzofuran	14.71	168	340432	20.647 ng/ul	98
55) 2,4-Dinitrotoluene	14.66	165	79588	22.420 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.94	232	57600	20.601 ng/ul#	95
57) Diethylphthalate	15.15	149	295607	21.036 ng/ul	99
59) Fluorene	15.36	166	292540	21.070 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.36	204	144166	20.863 ng/ul	99
61) 4-Nitroaniline	15.36	138	60763	20.528 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.43	198	34039	17.903 ng/ul#	99
65) N-Nitrosodiphenylamine	15.57	169	236808	19.286 ng/ul	100
66) 4-Bromophenyl-phenylether	16.25	248	86056	19.543 ng/ul	94
67) Hexachlorobenzene	16.37	284	99767	19.979 ng/ul	98
68) Atrazine	16.52	200	86243	19.135 ng/ul	97
69) Pentachlorophenol	16.70	266	45738	18.407 ng/ul	97
70) Phenanthrene	17.09	178	459738	20.178 ng/ul	99
72) Anthracene	17.18	178	469196	20.035 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	107272	18.191 ng/uL	96
74) Pentachlorobenzene	14.63	250	110055	19.249 ng/uL	98
75) Carbazole	17.45	167	414799	20.037 ng/ul	99
76) Di-n-butylphthalate	18.04	149	485080	19.919 ng/ul	98
77) Fluoranthene	19.11	202	535821	19.918 ng/ul	99
80) Pyrene	19.48	202	565836	19.429 ng/ul	97
81) Butylbenzylphthalate	20.40	149	195892	18.089 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.17	252	160424	16.950 ng/ul	99
83) Benzo(a)anthracene	21.23	228	550566	19.954 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	303881	18.716 ng/ul	99
85) Chrysene	21.28	228	537506	19.977 ng/ul	99
87) Di-n-octyl phthalate	22.07	149	512789	17.329 ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	561418	19.487 ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	546675	19.775 ng/ul	99
91) Benzo(a)pyrene	23.36	252	516803	19.880 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.68	276	627649	19.462 ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	538715	19.750 ng/ul	98
94) Benzo(g,h,i)perylene	26.35	276	517887	19.420 ng/ul	99

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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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