Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027062.D
Acq On : 13 Aug 2020 15:48
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02018

Quant Time: Aug 13 16:20:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	108646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	398205	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	254420	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	543701	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	563351	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	562572	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	21711	9.08	ng/uL	0.00
5) Phenol-d5	6.82	99	175167	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	118166	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	140478	21.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	134285	20.39	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	63745	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	65820	20.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	146358	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	165154	20.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	398410	19.64	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	501125	20.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	67931	19.83	ng/ul	0.00
58) Fluorene-d10	15.27	176	356002	20.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	54171	18.24	ng/ul	0.00
71) Anthracene-d10	17.12	188	537126	20.05	ng/ul	0.00
79) Pyrene-d10	19.42	212	586512	20.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	638272	20.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	24575	8.086	ng/uL	94
4) Benzaldehyde	6.79	77	131159	15.971	ng/ul	97
6) Phenol	6.85	94	191025	21.445	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.07	93	149275	20.304	ng/ul	96
10) 2-Chlorophenol	7.21	128	147802	21.224	ng/ul	97
11) 2-Methylphenol	8.08	108	136697	21.127	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	118976	21.242	ng/ul	98
14) Acetophenone	8.45	105	231606	20.923	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.45	70	133718	20.823	ng/ul	97
16) 4-Methylphenol	8.41	108	146321	21.044	ng/ul	95
17) Hexachloroethane	8.71	117	69606	19.983	ng/ul	98
20) Nitrobenzene	8.82	77	201088	19.515	ng/ul	97
21) Isophorone	9.35	82	334604	20.465	ng/ul	99
23) 2-Nitrophenol	9.53	139	77595	21.386	ng/ul	93
24) 2,4-Dimethylphenol	9.60	107	173875	21.010	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.83	93	192532	20.785	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	146559	21.204	ng/ul	97
28) Naphthalene	10.46	128	445318	20.120	ng/ul	99
30) 4-Chloroaniline	10.57	127	173220	21.519	ng/ul	95
31) Hexachlorobutadiene	10.76	225	110569	18.974	ng/ul	98
32) Caprolactam	11.33	113	37612	19.576	ng/ul	96
33) 4-Chloro-3-methylphenol	11.70	107	147514	20.197	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	329332	20.289	ng/ul	97

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35) 1-Methylnaphthalene	12.30	142	300962	18.834 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	194358	20.644 ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	113967	18.359 ng/ul	97
39) 2,4,6-Trichlorophenol	12.70	196	116324	21.021 ng/ul	88
40) 2,4,5-Trichlorophenol	12.77	196	127501	21.650 ng/ul	95
41) 1,1'-Biphenyl	13.10	154	431365	20.747 ng/ul	99
42) 2-Chloronaphthalene	13.14	162	347737	20.629 ng/ul	98
43) 2-Nitroaniline	13.34	65	103660	21.229 ng/ul	97
45) Dimethylphthalate	13.74	163	414958	19.517 ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	82207	20.307 ng/ul	98
48) Acenaphthylene	13.99	152	504268	20.517 ng/ul	99
49) 3-Nitroaniline	14.17	138	81534	22.663 ng/ul	97
50) Acenaphthene	14.34	153	351109	20.156 ng/ul	97
51) 2,4-Dinitrophenol	14.38	184	36969	17.572 ng/ul	90
53) 4-Nitrophenol	14.49	109	68285	18.725 ng/ul	90
54) Dibenzofuran	14.67	168	504180	20.225 ng/ul	100
55) 2,4-Dinitrotoluene	14.64	165	118184	20.103 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.90	232	110183	20.759 ng/ul	98
57) Diethylphthalate	15.11	149	412323	19.334 ng/ul	99
59) Fluorene	15.33	166	417839	20.029 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	217638	19.143 ng/ul	97
61) 4-Nitroaniline	15.33	138	88988	21.656 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.40	198	57234	17.415 ng/ul	97
65) N-Nitrosodiphenylamine	15.54	169	356608	21.892 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	135109	19.868 ng/ul	98
67) Hexachlorobenzene	16.33	284	158504	19.874 ng/ul	98
68) Atrazine	16.49	200	127587	19.318 ng/ul	99
69) Pentachlorophenol	16.67	266	88224	19.962 ng/ul	99
70) Phenanthrene	17.06	178	651000	19.972 ng/ul	100
72) Anthracene	17.15	178	665418	20.063 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	193926	22.805 ng/uL	98
74) Pentachlorobenzene	14.60	250	183382	20.675 ng/uL	98
75) Carbazole	17.42	167	578177	20.652 ng/ul	99
76) Di-n-butylphthalate	18.00	149	670738	19.553 ng/ul	99
77) Fluoranthene	19.08	202	755994	19.127 ng/ul	99
80) Pyrene	19.44	202	788492	20.620 ng/ul	99
81) Butylbenzylphthalate	20.36	149	299042	21.277 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.13	252	260507	20.492 ng/ul	97
83) Benzo(a)anthracene	21.20	228	774723	20.428 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	435445	20.508 ng/ul	98
85) Chrysene	21.25	228	744604	20.002 ng/ul	99
87) Di-n-octyl phthalate	22.02	149	740648	19.678 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	780372	19.976 ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	794719	20.527 ng/ul	100
91) Benzo(a)pyrene	23.32	252	692140	19.468 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.60	276	911355	19.895 ng/ul	99
93) Dibenzo(a,h)anthracene	25.62	278	767678	19.784 ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	753572	19.916 ng/ul	99

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

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