Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080620\
Data File : BM027007.D
Acq On : 06 Aug 2020 12:21
Operator : JU/CG
Sample : SSTD16004
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16004

Quant Time: Aug 06 12:56:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 11:18:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	101699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	393245	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	256669	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	570876	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	643617	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	588527	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	120010	53.84	ng/uL	0.00
5) Phenol-d5	6.85	99	1332264	149.54	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.00	67	871000	144.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	1066284	159.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	1032925	150.67	ng/ul	0.01
19) Nitrobenzene-d5	8.81	128	492588	161.05	ng/ul	0.01
22) 2-Nitrophenol-d4	9.53	143	583008	207.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	1171528	174.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	1274010	159.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	3208438	159.41	ng/ul	0.01
47) Acenaphthylene-d8	13.99	160	4005762	156.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	594870	174.75	ng/ul	0.03
58) Fluorene-d10	15.29	176	2890721	165.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	639969	251.48	ng/ul	0.02
71) Anthracene-d10	17.14	188	4538574	159.07	ng/ul	0.00
79) Pyrene-d10	19.43	212	5343879	155.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	5832257	175.61	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	140205	50.607	ng/uL	93
4) Benzaldehyde	6.81	77	1101910	151.812	ng/ul	96
6) Phenol	6.88	94	1390145	145.812	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.10	93	1127178	149.404	ng/ul	95
10) 2-Chlorophenol	7.23	128	1084961	156.736	ng/ul	98
11) 2-Methylphenol	8.10	108	1029094	150.870	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	858253	128.462	ng/ul	92
14) Acetophenone	8.48	105	1671280	146.937	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	989970	144.105	ng/ul	96
16) 4-Methylphenol	8.45	108	1074649	147.841	ng/ul	99
17) Hexachloroethane	8.73	117	515095	156.127	ng/ul	88
20) Nitrobenzene	8.85	77	1501080	151.482	ng/ul	99
21) Isophorone	9.40	82	2531818	144.925	ng/ul	97
23) 2-Nitrophenol	9.56	139	613409	191.767	ng/ul	95
24) 2,4-Dimethylphenol	9.63	107	1271471	152.167	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	1489190	153.004	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	1123256	172.259	ng/ul	98
28) Naphthalene	10.49	128	3385931	154.116	ng/ul	99
30) 4-Chloroaniline	10.60	127	1289553	160.189	ng/ul	97
31) Hexachlorobutadiene	10.78	225	879232	190.940	ng/ul	98
32) Caprolactam	11.41	113	180650	88.714	ng/ul	88
33) 4-Chloro-3-methylphenol	11.74	107	1161689	159.783	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	2493431	160.535	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	2410663	158.847 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	1593384	181.627 ng/ul#	96
38) Hexachlorocyclopentadiene	12.47	237	1131047	190.143 ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	967716	192.499 ng/ul	97
40) 2,4,5-Trichlorophenol	12.80	196	1023243	190.493 ng/ul	98
41) 1,1'-Biphenyl	13.13	154	3327085	155.123 ng/ul	98
42) 2-Chloronaphthalene	13.16	162	2692864	156.031 ng/ul	99
43) 2-Nitroaniline	13.37	65	855287	166.638 ng/ul	95
45) Dimethylphthalate	13.76	163	3294090	155.951 ng/ul	99
46) 2,6-Dinitrotoluene	13.88	165	726196	195.009 ng/ul	92
48) Acenaphthylene	14.02	152	4007730	154.013 ng/ul	99
49) 3-Nitroaniline	14.20	138	594770	163.398 ng/ul#	93
50) Acenaphthene	14.36	153	2807361	156.591 ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	442433	296.706 ng/ul	96
53) 4-Nitrophenol	14.53	109	563439	165.213 ng/ul	91
54) Dibenzofuran	14.70	168	3952455	159.046 ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	1036999	193.819 ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	14.93	232	951364	225.756 ng/ul#	88
57) Diethylphthalate	15.14	149	3423464	161.636 ng/ul	97
59) Fluorene	15.35	166	3542969	169.302 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.34	204	1944715	186.721 ng/ul	92
61) 4-Nitroaniline	15.38	138	666508	149.394 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.44	198	681370	235.624 ng/ul#	85
65) N-Nitrosodiphenylamine	15.56	169	2839379	152.041 ng/ul	97
66) 4-Bromophenyl-phenylether	16.23	248	1205914	180.066 ng/ul	97
67) Hexachlorobenzene	16.36	284	1353594	178.228 ng/ul#	89
68) Atrazine	16.52	200	1147498	167.394 ng/ul	97
69) Pentachlorophenol	16.69	266	859057	227.318 ng/ul	100
70) Phenanthrene	17.08	178	5519877	159.291 ng/ul	98
72) Anthracene	17.17	178	5637716	158.284 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	1468768	163.764 ng/uL	99
74) Pentachlorobenzene	14.62	250	1489398	171.279 ng/uL	98
75) Carbazole	17.44	167	4738415	150.495 ng/ul	100
76) Di-n-butylphthalate	18.02	149	6054099	163.456 ng/ul	99
77) Fluoranthene	19.10	202	6884113	168.251 ng/ul	98
80) Pyrene	19.46	202	7036301	150.264 ng/ul	97
81) Butylbenzylphthalate	20.37	149	2860774	164.300 ng/ul#	95
82) 3,3'-Dichlorobenzidine	21.14	252	2312215	151.946 ng/ul	99
83) Benzo(a)anthracene	21.22	228	6989449	157.555 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	4270446	163.588 ng/ul#	94
85) Chrysene	21.27	228	6707857	155.055 ng/ul	98
87) Di-n-octyl phthalate	22.03	149	7178100	165.996 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	7155560	169.962 ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	7112025	176.044 ng/ul#	98
91) Benzo(a)pyrene	23.35	252	6592343	173.528 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	8346138	177.091 ng/ul	99
93) Dibenzo(a,h)anthracene	25.68	278	7119515	178.613 ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	6667833	171.101 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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