Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
Data File : BM024731.D
Acq On : 06 Feb 2020 16:00
Operator : CG/JU
Sample : SSTD16005
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16005

Quant Time: Feb 06 16:37:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	222305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	849555	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	572189	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1244941	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	1241553	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1394013	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	316823	69.65	ng/uL	0.00
5) Phenol-d5	6.62	99	2588543	157.08	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.77	67	1404624	153.46	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	2379138	169.05	ng/ul	0.01
13) 4-Methylphenol-d8	8.15	113	2141007	140.92	ng/ul	0.02
19) Nitrobenzene-d5	8.56	128	1099079	184.13	ng/ul	0.01
22) 2-Nitrophenol-d4	9.28	143	1369081	211.78	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.82	165	2604540	179.00	ng/ul	0.01
29) 4-Chloroaniline-d4	10.32	131	2224004	137.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	6996939	156.06	ng/ul	0.02
47) Acenaphthylene-d8	13.76	160	8590467	166.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	1227113	164.00	ng/ul	0.03
58) Fluorene-d10	15.07	176	6241196	158.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	1519915	213.87	ng/ul	0.02
71) Anthracene-d10	16.93	188	9499513	164.09	ng/ul	0.01
79) Pyrene-d10	19.23	212	10696774	161.19	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.02	264	12197472	168.70	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	327287	69.282	ng/uL	97
4) Benzaldehyde	6.57	77	1406438	160.936	ng/ul	96
6) Phenol	6.65	94	2719690	162.426	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.86	93	2132154	162.577	ng/ul	98
10) 2-Chlorophenol	6.99	128	2405586	170.803	ng/ul	99
11) 2-Methylphenol	7.88	108	2097796	152.859	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	1650418	106.487	ng/ul	98
14) Acetophenone	8.24	105	3296556	138.230	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.26	70	1579468	140.082	ng/ul	98
16) 4-Methylphenol	8.22	108	2227529	145.761	ng/ul	96
17) Hexachloroethane	8.48	117	1033624	164.449	ng/ul	98
20) Nitrobenzene	8.60	77	2514999	174.097	ng/ul	99
21) Isophorone	9.15	82	4500469	158.231	ng/ul	98
23) 2-Nitrophenol	9.30	139	1434293	202.910	ng/ul	96
24) 2,4-Dimethylphenol	9.39	107	2522672	164.432	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	2833410	173.140	ng/ul	99
27) 2,4-Dichlorophenol	9.84	162	2535302	179.593	ng/ul	99
28) Naphthalene	10.23	128	7334190	168.513	ng/ul	99
30) 4-Chloroaniline	10.35	127	2204591	138.650	ng/ul	100
31) Hexachlorobutadiene	10.53	225	2004915	178.429	ng/ul	98
32) Caprolactam	11.16	113	389000	91.477	ng/ul	98
33) 4-Chloro-3-methylphenol	11.50	107	2309522	157.402	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	5398084	159.839	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	5318825	155.355	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.24	216	3458979	183.744	ng/ul	98
38) Hexachlorocyclopentadiene	12.22	237	2684382	197.161	ng/ul	99
39) 2,4,6-Trichlorophenol	12.49	196	2240998	194.576	ng/ul	97
40) 2,4,5-Trichlorophenol	12.56	196	2360385	191.414	ng/ul	99
41) 1,1'-Biphenyl	12.90	154	7132516	171.696	ng/ul	98
42) 2-Chloronaphthalene	12.93	162	5847025	174.963	ng/ul	98
43) 2-Nitroaniline	13.15	65	1330779	173.812	ng/ul	98
45) Dimethylphthalate	13.55	163	7239885	158.858	ng/ul	100
46) 2,6-Dinitrotoluene	13.66	165	1633238	190.439	ng/ul	100
48) Acenaphthylene	13.79	152	8682150	164.722	ng/ul	98
49) 3-Nitroaniline	13.99	138	1100946	155.705	ng/ul	94
50) Acenaphthene	14.14	153	5979379	167.612	ng/ul	98
51) 2,4-Dinitrophenol	14.20	184	1120522	239.129	ng/ul	95
53) 4-Nitrophenol	14.33	109	961878	138.241	ng/ul	95
54) Dibenzofuran	14.47	168	8423506	161.183	ng/ul	98
55) 2,4-Dinitrotoluene	14.46	165	2257268	176.040	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.72	232	2199912	183.821	ng/ul	98
57) Diethylphthalate	14.94	149	7186323	153.569	ng/ul	99
59) Fluorene	15.13	166	6945117	157.180	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	3991351	158.360	ng/ul	99
61) 4-Nitroaniline	15.17	138	1367729	162.174	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.23	198	1598804	212.719	ng/ul#	95
65) N-Nitrosodiphenylamine	15.35	169	6047229	174.888	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	2747297	186.144	ng/ul	98
67) Hexachlorobenzene	16.14	284	3119870	184.072	ng/ul	98
68) Atrazine	16.33	200	2521875	173.311	ng/ul	99
69) Pentachlorophenol	16.49	266	1992867	197.492	ng/ul	99
70) Phenanthrene	16.87	178	11102534	165.366	ng/ul	98
72) Anthracene	16.96	178	11216898	163.834	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	3667300	207.160	ng/uL	99
74) Pentachlorobenzene	14.40	250	3767486	201.033	ng/uL	100
75) Carbazole	17.23	167	9542329	165.643	ng/ul	98
76) Di-n-butylphthalate	17.82	149	11615353	160.384	ng/ul	96
77) Fluoranthene	18.89	202	12899157	157.197	ng/ul#	95
80) Pyrene	19.26	202	12682384	149.216	ng/ul#	90
81) Butylbenzylphthalate	20.20	149	5917599	198.247	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.97	252	4599264	172.139	ng/ul	98
83) Benzo(a)anthracene	21.02	228	12913903	152.690	ng/ul	92
84) Bis(2-ethylhexyl)phthalate	20.99	149	8751398	185.204	ng/ul	98
85) Chrysene	21.02	228	12913903	158.459	ng/ul	95
87) Di-n-octyl phthalate	21.84	149	12248273	128.364	ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	15554907	168.823	ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	15554907	171.780	ng/ul	98
91) Benzo(a)pyrene	23.07	252	13432893	167.765	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.23	276	16983539	202.717	ng/ul	95
93) Dibenzo(a,h)anthracene	25.24	278	14191618	199.591	ng/ul	97
94) Benzo(g,h,i)perylene	25.86	276	14216495	213.513	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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