Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092420\
Data File : BM027513.D
Acq On : 24 Sep 2020 16:41
Operator : JU/CG
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02005

Quant Time: Sep 24 19:51:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 19:51:19 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	97896	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	376607	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.445	164	286920	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.186	188	664298	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.362	240	636560	20.00	ng/ul	# 0.00
86) Perylene-d12	23.639	264	597653	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	12050	7.01	ng/uL	0.00
5) Phenol-d5	6.969	99	113785	17.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.145	67	67811	18.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	97629	17.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.510	113	96732	18.08	ng/ul	0.00
19) Nitrobenzene-d5	8.963	128	46340	16.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.681	143	48485	16.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.216	165	127985	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.728	131	133453	18.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.857	166	375718	16.92	ng/ul	0.00
47) Acenaphthylene-d8	14.133	160	455042	17.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.627	143	49697	15.98	ng/ul	0.00
58) Fluorene-d10	15.433	176	341639	17.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.545	200	52243	14.52	ng/ul	0.00
71) Anthracene-d10	17.280	188	533665	17.03	ng/ul	0.00
79) Pyrene-d10	19.574	212	573061	17.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.491	264	537766	16.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	14133	6.96	ng/uL	96
4) Benzaldehyde	6.951	77	87638	20.25	ng/ul	90
6) Phenol	6.998	94	118714	18.07	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.234	93	95068	18.13	ng/ul	96
10) 2-Chlorophenol	7.375	128	103027	18.16	ng/ul#	89
11) 2-Methylphenol	8.245	108	93663	18.07	ng/ul	95
12) 2,2'-oxybis(1-Chloropr...	8.334	45	75366	18.49	ng/ul	94
14) Acetophenone	8.628	105	162672	18.72	ng/ul	92
15) N-Nitroso-di-n-propyla...	8.616	70	83320	19.21	ng/ul#	91
16) 4-Methylphenol	8.569	108	100152	18.18	ng/ul	99
17) Hexachloroethane	8.887	117	47952	17.70	ng/ul#	71
20) Nitrobenzene	9.004	77	131233	17.28	ng/ul#	89
21) Isophorone	9.528	82	232997	17.82	ng/ul#	93
23) 2-Nitrophenol	9.710	139	53544	16.76	ng/ul	92
24) 2,4-Dimethylphenol	9.769	107	124033	17.49	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.010	93	131695	17.59	ng/ul	98
27) 2,4-Dichlorophenol	10.239	162	124692	17.30	ng/ul	94
28) Naphthalene	10.651	128	336973	17.52	ng/ul	99
30) 4-Chloroaniline	10.751	127	133085	18.39	ng/ul	99
31) Hexachlorobutadiene	10.939	225	123040	16.86	ng/ul	95
32) Caprolactam	11.504	113	26195	17.47	ng/ul	91
33) 4-Chloro-3-methylphenol	11.875	107	106437	17.92	ng/ul	90
34) 2-Methylnaphthalene	12.263	142	259229	17.75	ng/ul	93
35) 1-Methylnaphthalene	12.480	142	255740	17.90	ng/ul	99
37) 1,2,4,5-Tetrachloroben...	12.627	216	215712	16.55	ng/ul#	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.616	237	134281	15.41	ng/ul	99
39) 2,4,6-Trichlorophenol	12.869	196	119770	16.99	ng/ul	99
40) 2,4,5-Trichlorophenol	12.933	196	127598	17.00	ng/ul	99
41) 1,1'-Biphenyl	13.280	154	372438	17.02	ng/ul#	97
42) 2-Chloronaphthalene	13.316	162	311774	17.05	ng/ul	95
43) 2-Nitroaniline	13.516	65	61601	16.79	ng/ul#	83
45) Dimethylphthalate	13.904	163	386872	17.08	ng/ul	99
46) 2,6-Dinitrotoluene	14.016	165	73694	17.12	ng/ul	88
48) Acenaphthylene	14.163	152	436633	17.28	ng/ul	97
49) 3-Nitroaniline	14.339	138	59587	17.47	ng/ul	87
50) Acenaphthene	14.510	153	305906	17.04	ng/ul	97
51) 2,4-Dinitrophenol	14.539	184	35378	14.31	ng/ul#	67
53) 4-Nitrophenol	14.639	109	55283	16.06	ng/ul	86
54) Dibenzofuran	14.839	168	465608	17.24	ng/ul	96
55) 2,4-Dinitrotoluene	14.798	165	99377	16.91	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	15.063	232	110400	16.90	ng/ul#	85
57) Diethylphthalate	15.274	149	356374	17.15	ng/ul	97
59) Fluorene	15.492	166	375026	17.09	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.492	204	234575	17.00	ng/ul	91
61) 4-Nitroaniline	15.498	138	62228	17.22	ng/ul	95
64) 4,6-Dinitro-2-methylph...	15.557	198	58823	14.94	ng/ul#	84
65) N-Nitrosodiphenylamine	15.698	169	319920	17.33	ng/ul	98
66) 4-Bromophenyl-phenylether	16.380	248	152141	17.19	ng/ul	92
67) Hexachlorobenzene	16.492	284	168230	16.86	ng/ul#	94
68) Atrazine	16.651	200	132479	16.43	ng/ul	97
69) Pentachlorophenol	16.833	266	83385	15.30	ng/ul	95
70) Phenanthrene	17.227	178	607063	16.91	ng/ul	99
72) Anthracene	17.315	178	622006	17.04	ng/ul	100
73) 1,2,3,4-Tetrachloroben...	13.239	216	204141	16.66	ng/uL	99
74) Pentachlorobenzene	14.763	250	198390	16.63	ng/uL	96
75) Carbazole	17.580	167	480067	16.57	ng/ul	99
76) Di-n-butylphthalate	18.162	149	529672	16.91	ng/ul	99
77) Fluoranthene	19.239	202	741848	16.20	ng/ul#	92
80) Pyrene	19.603	202	758547	17.51	ng/ul#	90
81) Butylbenzylphthalate	20.515	149	165945	16.40	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.286	252	227249	16.67	ng/ul#	98
83) Benzo(a)anthracene	21.350	228	704426	16.63	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	255892	16.45	ng/ul	97
85) Chrysene	21.403	228	677473	16.54	ng/ul	99
87) Di-n-octyl phthalate	22.192	149	399469	15.27	ng/ul	100
88) Benzo(b)fluoranthene	22.956	252	691726	17.47	ng/ul#	97
89) Benzo(k)fluoranthene	23.003	252	660791	16.72	ng/ul#	97
91) Benzo(a)pyrene	23.538	252	624512	17.07	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.932	276	759007	16.52	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.950	278	645940	16.71	ng/ul#	97
94) Benzo(g,h,i)perylene	26.632	276	632657	16.63	ng/ul#	94

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

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