Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027794.D
Acq On : 12 Nov 2020 16:32
Operator : JU/CG
Sample : SSTD01005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01005

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:21 AM

Quant Time: Nov 12 17:45:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	37084	20.00	ng/ul	0.00
18) Naphthalene-d8	11.22	136	149118	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.99	164	91206	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.70	188	183545	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	154867	20.00	ng/ul	0.00
86) Perylene-d12	24.24	264	145899	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4200	5.04	ng/uL	0.00
5) Phenol-d5	7.50	99	35043	11.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	22225	10.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	26583	11.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.07	113	27600	11.07	ng/ul	0.00
19) Nitrobenzene-d5	9.56	128	13015	11.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.29	143	12597	10.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.82	165	26783	10.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.34	131	26955	8.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.38	166	74186	10.22	ng/ul	0.00
47) Acenaphthylene-d8	14.69	160	91658	11.18	ng/ul	0.00
52) 4-Nitrophenol-d4	15.13	143	12365	9.68	ng/ul	0.00
58) Fluorene-d10	15.96	176	64630	9.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.06	200	9940	8.46	ng/ul	0.00
71) Anthracene-d10	17.80	188	95006	10.95	ng/ul	0.00
79) Pyrene-d10	20.04	212	97626	14.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.08	264	83047	10.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	4396	4.407	ng/uL	94
4) Benzaldehyde	7.49	77	22969	10.424	ng/ul	95
6) Phenol	7.53	94	35642	10.972	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.77	93	28812	11.043	ng/ul	97
10) 2-Chlorophenol	7.93	128	26724	11.448	ng/ul	98
11) 2-Methylphenol	8.81	108	26320	10.977	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.91	45	44899	22.820	ng/ul	96
14) Acetophenone	9.21	105	45004	10.756	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.19	70	23852	9.963	ng/ul	99
16) 4-Methylphenol	9.14	108	29204	11.158	ng/ul	87
17) Hexachloroethane	9.49	117	12709	10.942	ng/ul	97
20) Nitrobenzene	9.60	77	38119	10.397	ng/ul	96
21) Isophorone	10.12	82	63836	10.259	ng/ul	98
23) 2-Nitrophenol	10.32	139	14013	10.484	ng/ul	96
24) 2,4-Dimethylphenol	10.36	107	34802	11.372	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.60	93	37504	10.610	ng/ul	100
27) 2,4-Dichlorophenol	10.85	162	25595	9.703	ng/ul	98
28) Naphthalene	11.27	128	86829	10.959	ng/ul	99
30) 4-Chloroaniline	11.36	127	25751	8.158	ng/ul	94
31) Hexachlorobutadiene	11.55	225	18830	9.050	ng/ul	94
32) Caprolactam	12.10	113	7812	9.340	ng/ul	82
33) 4-Chloro-3-methylphenol	12.45	107	29601	10.535	ng/ul	98
34) 2-Methylnaphthalene	12.85	142	59459	9.926	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.06	142	71095	11.926 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.21	216	33055	10.782 ng/ul	97
38) Hexachlorocyclopentadiene	13.19	237	21467	10.701 ng/ul	99
39) 2,4,6-Trichlorophenol	13.43	196	20983	11.254 ng/ul	91
40) 2,4,5-Trichlorophenol	13.50	196	22048	10.949 ng/ul	94
41) 1,1'-Biphenyl	13.83	154	76896	11.210 ng/ul	99
42) 2-Chloronaphthalene	13.88	162	62278	11.156 ng/ul	98
43) 2-Nitroaniline	14.06	65	20076	12.248 ng/ul	91
45) Dimethylphthalate	14.43	163	75309	9.847 ng/ul	98
46) 2,6-Dinitrotoluene	14.55	165	13385	9.178 ng/ul	95
48) Acenaphthylene	14.72	152	88705	10.718 ng/ul	99
49) 3-Nitroaniline	14.87	138	11401	8.777 ng/ul	88
50) Acenaphthene	15.05	153	63932	10.757 ng/ul	98
51) 2,4-Dinitrophenol	15.07	184	7067	7.747 ng/ul	89
53) 4-Nitrophenol	15.15	109	14728	11.057 ng/ul	94
54) Dibenzofuran	15.38	168	89007	10.015 ng/ul	97
55) 2,4-Dinitrotoluene	15.32	165	19825	8.819 ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.59	232	18226	9.133 ng/ul	96
57) Diethylphthalate	15.77	149	74056	9.286 ng/ul	97
59) Fluorene	16.02	166	72247	9.458 ng/ul	97
60) 4-Chlorophenyl-phenylether	16.00	204	36609	8.757 ng/ul	97
61) 4-Nitroaniline	16.02	138	13454	8.923 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	16.07	198	10567	8.309 ng/ul#	97
65) N-Nitrosodiphenylamine	16.21	169	59765	11.547 ng/ul	99
66) 4-Bromophenyl-phenylether	16.89	248	21334	10.041 ng/ul	92
67) Hexachlorobenzene	17.02	284	24760	9.626 ng/ul	94
68) Atrazine	17.13	200	20774	9.265 ng/ul	97
69) Pentachlorophenol	17.34	266	13371	8.470 ng/ul	87
70) Phenanthrene	17.74	178	110574	10.519 ng/ul	99
72) Anthracene	17.83	178	112412	10.497 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.80	216	31858	13.186 ng/uL	97
74) Pentachlorobenzene	15.30	250	29512	11.077 ng/uL	98
75) Carbazole	18.09	167	93401	10.304 ng/ul	97
76) Di-n-butylphthalate	18.62	149	110730	9.837 ng/ul	98
77) Fluoranthene	19.72	202	122337	9.445 ng/ul	99
80) Pyrene	20.07	202	126763	13.531 ng/ul	98
81) Butylbenzylphthalate	20.92	149	46885	13.075 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.70	252	29635	8.713 ng/ul	100
83) Benzo(a)anthracene	21.79	228	111588	11.120 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	61550	11.018 ng/ul	100
85) Chrysene	21.84	228	107269	10.819 ng/ul	100
87) Di-n-octyl phthalate	22.62	149	105745	11.671 ng/ul	100
88) Benzo(b)fluoranthene	23.49	252	103084	10.702 ng/ul	96
89) Benzo(k)fluoranthene	23.54	252	101167m	10.476 ng/ul	
91) Benzo(a)pyrene	24.13	252	91681	10.201 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.76	276	105673	8.957 ng/ul	99
93) Dibenzo(a,h)anthracene	26.76	278	87138	8.732 ng/ul#	94
94) Benzo(g,h,i)perylene	27.54	276	88700	8.995 ng/ul	97

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

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