Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029467.D
Acq On : 14 Apr 2021 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

Manual Integrations APPROVED
mohammad
4/15/2021 11:46:25 AM

Quant Time: Apr 14 17:32:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 14 17:30:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	106613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	470017	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	310874	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	610293	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	523906	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	470074	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	19601	7.02	ng/uL	0.00
5) Phenol-d5	6.85	99	177251	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	117204	20.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	136168	20.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	143814	20.89	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	63281	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	68796	20.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	140699	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	111018	13.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	440112	19.77	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	539876	19.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	78445	19.21	ng/ul	0.00
58) Fluorene-d10	15.31	176	358417	19.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	65689	18.93	ng/ul	0.00
71) Anthracene-d10	17.16	188	537625	19.38	ng/ul	0.00
79) Pyrene-d10	19.45	212	532067	21.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	470225	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	21460	7.322	ng/uL	97
4) Benzaldehyde	6.83	77	92433	18.692	ng/ul	100
6) Phenol	6.88	94	186242	19.544	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.11	93	143427	19.857	ng/ul	94
10) 2-Chlorophenol	7.25	128	144656	19.980	ng/ul	98
11) 2-Methylphenol	8.12	108	136715	20.216	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	237258	22.336	ng/ul	98
14) Acetophenone	8.50	105	232895	20.693	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.49	70	144594	24.091	ng/ul	95
16) 4-Methylphenol	8.45	108	155823	21.132	ng/ul	99
17) Hexachloroethane	8.75	117	66953	21.262	ng/ul	93
20) Nitrobenzene	8.87	77	199230	20.156	ng/ul	99
21) Isophorone	9.40	82	375022	23.025	ng/ul	98
23) 2-Nitrophenol	9.58	139	78769	20.169	ng/ul	97
24) 2,4-Dimethylphenol	9.64	107	184758	20.557	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.88	93	209714	20.936	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	138980	19.897	ng/ul	98
28) Naphthalene	10.51	128	468867	19.134	ng/ul	99
30) 4-Chloroaniline	10.62	127	118482	13.432	ng/ul	100
31) Hexachlorobutadiene	10.80	225	80160	18.546	ng/ul	96
32) Caprolactam	11.39	113	44902m	21.762	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	168111	22.834	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	341158	20.183	ng/ul	98

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35) 1-Methylnaphthalene	12.35	142	334755	20.345 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	152658	17.133 ng/ul	97
38) Hexachlorocyclopentadiene	12.48	237	91973	16.017 ng/ul	98
39) 2,4,6-Trichlorophenol	12.74	196	108712	19.421 ng/ul	97
40) 2,4,5-Trichlorophenol	12.81	196	117827	19.424 ng/ul	97
41) 1,1'-Biphenyl	13.15	154	456720	18.661 ng/ul	99
42) 2-Chloronaphthalene	13.19	162	340938	18.158 ng/ul	99
43) 2-Nitroaniline	13.39	65	127628	22.085 ng/ul	97
45) Dimethylphthalate	13.78	163	456507	19.944 ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	88107	20.897 ng/ul	97
48) Acenaphthylene	14.04	152	528025	19.218 ng/ul	99
49) 3-Nitroaniline	14.22	138	75344	17.358 ng/ul	90
50) Acenaphthene	14.38	153	391604	19.134 ng/ul	100
51) 2,4-Dinitrophenol	14.43	184	47581	18.806 ng/ul	92
53) 4-Nitrophenol	14.53	109	83225	20.294 ng/ul	97
54) Dibenzofuran	14.72	168	524373	18.752 ng/ul	96
55) 2,4-Dinitrotoluene	14.69	165	130789	21.101 ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	14.95	232	93488	19.686 ng/ul#	98
57) Diethylphthalate	15.15	149	488645	20.809 ng/ul	98
59) Fluorene	15.37	166	456241	19.400 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	206230	18.709 ng/ul	95
61) 4-Nitroaniline	15.39	138	93344	18.893 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.45	198	67129	18.582 ng/ul#	93
65) N-Nitrosodiphenylamine	15.57	169	381054	19.676 ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	114008	19.559 ng/ul	93
67) Hexachlorobenzene	16.37	284	126696	19.201 ng/ul	96
68) Atrazine	16.53	200	130474	18.784 ng/ul	97
69) Pentachlorophenol	16.71	266	74926	19.389 ng/ul	98
70) Phenanthrene	17.10	178	667487	18.998 ng/ul	100
72) Anthracene	17.19	178	695404	19.285 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	151809	17.385 ng/uL	99
74) Pentachlorobenzene	14.64	250	151601	18.794 ng/uL	99
75) Carbazole	17.46	167	612035	18.744 ng/ul	99
76) Di-n-butylphthalate	18.03	149	827195	21.989 ng/ul	99
77) Fluoranthene	19.12	202	698014	17.551 ng/ul	98
80) Pyrene	19.48	202	726377	20.936 ng/ul	99
81) Butylbenzylphthalate	20.39	149	345129	24.627 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.16	252	182487	16.214 ng/ul	100
83) Benzo(a)anthracene	21.22	228	630446	19.085 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	549363	24.032 ng/ul	99
85) Chrysene	21.27	228	602903	18.666 ng/ul	98
87) Di-n-octyl phthalate	22.03	149	861300	23.225 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	586033	19.366 ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	586747	19.747 ng/ul	100
91) Benzo(a)pyrene	23.35	252	502026	18.700 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	629935	17.929 ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	533406	18.068 ng/ul	100
94) Benzo(g,h,i)perylene	26.34	276	505481	17.714 ng/ul	97

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

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