Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029513.D
Acq On : 15 Apr 2021 21:45
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02019

Manual Integrations APPROVED
mohammad
4/16/2021 11:25:52 AM

Quant Time: Apr 16 06:43:38 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	7.67	152	143130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	626546	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	393389	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	713804	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	541713	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	533140	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	28877	7.70	ng/uL	0.00
5) Phenol-d5	6.85	99	256686	21.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	167508	21.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	197596	21.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	207408	22.44	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	91760	21.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	101884	22.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	201389	21.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	169191	14.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	574587	20.39	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	738853	20.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	104309	20.19	ng/ul	0.00
58) Fluorene-d10	15.31	176	466278	19.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	83228	20.51	ng/ul	0.00
71) Anthracene-d10	17.16	188	672153	20.72	ng/ul	0.00
79) Pyrene-d10	19.44	212	610757	23.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	564027	20.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	29456	7.486	ng/uL	92
4) Benzaldehyde	6.82	77	107084	16.130	ng/ul	99
6) Phenol	6.87	94	265930	20.786	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.10	93	202462	20.879	ng/ul	95
10) 2-Chlorophenol	7.24	128	209886	21.593	ng/ul	99
11) 2-Methylphenol	8.12	108	198987	21.917	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	327935	22.996	ng/ul	99
14) Acetophenone	8.49	105	331936	21.969	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.49	70	200771	24.916	ng/ul	95
16) 4-Methylphenol	8.45	108	221642	22.390	ng/ul	97
17) Hexachloroethane	8.75	117	94244	22.293	ng/ul	92
20) Nitrobenzene	8.87	77	279119	21.184	ng/ul	99
21) Isophorone	9.40	82	519216	23.914	ng/ul	100
23) 2-Nitrophenol	9.57	139	112888	21.684	ng/ul	96
24) 2,4-Dimethylphenol	9.64	107	263786	22.018	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.87	93	283822	21.256	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	197030	21.161	ng/ul	97
28) Naphthalene	10.50	128	663620	20.316	ng/ul	100
30) 4-Chloroaniline	10.62	127	181167	15.407	ng/ul	100
31) Hexachlorobutadiene	10.79	225	110779	19.227	ng/ul	97
32) Caprolactam	11.40	113	66001m	23.996	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	234193	23.863	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	477128	21.175	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	460286	20.986 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	209951	18.620 ng/ul	94
38) Hexachlorocyclopentadiene	12.47	237	130120	17.907 ng/ul	99
39) 2,4,6-Trichlorophenol	12.74	196	149063	21.044 ng/ul	98
40) 2,4,5-Trichlorophenol	12.81	196	160802	20.949 ng/ul	97
41) 1,1'-Biphenyl	13.15	154	618229	19.962 ng/ul	98
42) 2-Chloronaphthalene	13.18	162	469845	19.774 ng/ul	99
43) 2-Nitroaniline	13.39	65	175914	24.055 ng/ul	97
45) Dimethylphthalate	13.77	163	588190	20.307 ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	118398	22.191 ng/ul	93
48) Acenaphthylene	14.03	152	715009	20.565 ng/ul	99
49) 3-Nitroaniline	14.22	138	109393	19.916 ng/ul	93
50) Acenaphthene	14.38	153	522530	20.175 ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	63242	19.753 ng/ul#	85
53) 4-Nitrophenol	14.53	109	110721	21.336 ng/ul	97
54) Dibenzofuran	14.72	168	692481	19.570 ng/ul	98
55) 2,4-Dinitrotoluene	14.68	165	168824	21.525 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.94	232	122909	20.453 ng/ul	94
57) Diethylphthalate	15.14	149	625672	21.055 ng/ul	98
59) Fluorene	15.36	166	596757	20.053 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	265996	19.069 ng/ul	96
61) 4-Nitroaniline	15.39	138	130395	20.856 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.44	198	87233	20.646 ng/ul#	93
65) N-Nitrosodiphenylamine	15.57	169	488664	21.573 ng/ul	100
66) 4-Bromophenyl-phenylether	16.26	248	142917	20.963 ng/ul	94
67) Hexachlorobenzene	16.36	284	159974	20.728 ng/ul	96
68) Atrazine	16.53	200	161747	19.909 ng/ul	99
69) Pentachlorophenol	16.71	266	96217	21.288 ng/ul	96
70) Phenanthrene	17.10	178	829715	20.190 ng/ul	99
72) Anthracene	17.19	178	867098	20.560 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	206562	20.225 ng/uL	100
74) Pentachlorobenzene	14.63	250	198195	21.008 ng/uL	97
75) Carbazole	17.46	167	758938	19.873 ng/ul	99
76) Di-n-butylphthalate	18.03	149	979618	22.264 ng/ul	99
77) Fluoranthene	19.12	202	822156	17.675 ng/ul	99
80) Pyrene	19.47	202	840914	23.440 ng/ul	96
81) Butylbenzylphthalate	20.39	149	391740	27.034 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.16	252	204631	17.584 ng/ul	99
83) Benzo(a)anthracene	21.22	228	711105	20.819 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	576068	24.372 ng/ul	99
85) Chrysene	21.27	228	677594	20.288 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	919994	21.873 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	707274	20.608 ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	661224	19.621 ng/ul	100
91) Benzo(a)pyrene	23.34	252	612340	20.111 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	803849	20.172 ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	670297	20.019 ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	651812	20.140 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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