Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028228.D
Acq On : 22 Dec 2020 03:44
Operator : JU/CG
Sample : L5110-06
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54L7

Quant Time: Dec 22 05:06:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 03:04:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	195831	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	803021	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	456136	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	886181	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	787013	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	783266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	34348	6.97	ng/uL	0.00
5) Phenol-d5	7.34	99	312878	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	191890	18.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	266729	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	254830	18.94	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	125729	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	134424	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	251549	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	290324	18.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	663049	18.87	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	852851	19.34	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	122729	19.21	ng/ul	0.00
58) Fluorene-d10	15.81	176	579400	18.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	101514	19.24	ng/ul	0.00
71) Anthracene-d10	17.64	188	829980	18.87	ng/ul	0.00
79) Pyrene-d10	19.90	212	841840	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	813336	18.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	34518	6.790	ng/uL	91
4) Benzaldehyde	7.32	77	143827	18.308	ng/ul	99
6) Phenol	7.36	94	310998	18.860	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.61	93	255338	18.659	ng/ul	95
10) 2-Chlorophenol	7.76	128	268792	18.930	ng/ul	99
11) 2-Methylphenol	8.64	108	237220	18.865	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.73	45	414633	17.767	ng/ul	98
14) Acetophenone	9.03	105	371098	18.380	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.02	70	185745	18.288	ng/ul	95
16) 4-Methylphenol	8.97	108	254672	18.857	ng/ul	97
17) Hexachloroethane	9.30	117	114379	18.955	ng/ul	98
20) Nitrobenzene	9.42	77	290761	18.663	ng/ul	95
21) Isophorone	9.95	82	516748	19.081	ng/ul	99
23) 2-Nitrophenol	10.13	139	144523	20.458	ng/ul	99
24) 2,4-Dimethylphenol	10.18	107	278599	18.591	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.42	93	335157	18.227	ng/ul	99
27) 2,4-Dichlorophenol	10.67	162	239598	18.978	ng/ul	98
28) Naphthalene	11.08	128	848834	18.641	ng/ul	99
30) 4-Chloroaniline	11.18	127	278625	18.789	ng/ul	100
31) Hexachlorobutadiene	11.36	225	156325	18.713	ng/ul	99
32) Caprolactam	11.96	113	71217	19.642	ng/ul	86
33) 4-Chloro-3-methylphenol	12.29	107	248143	18.700	ng/ul	99
34) 2-Methylnaphthalene	12.67	142	576089	18.577	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	668231	18.412 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	284754	19.047 ng/ul	96
38) Hexachlorocyclopentadiene	13.01	237	160561	17.727 ng/ul	100
39) 2,4,6-Trichlorophenol	13.27	196	181450	19.945 ng/ul	98
40) 2,4,5-Trichlorophenol	13.34	196	193353	19.634 ng/ul	99
41) 1,1'-Biphenyl	13.67	154	724121	18.838 ng/ul	99
42) 2-Chloronaphthalene	13.72	162	568594	18.902 ng/ul	100
43) 2-Nitroaniline	13.91	65	156530	19.449 ng/ul	94
45) Dimethylphthalate	14.27	163	667891	18.600 ng/ul	100
46) 2,6-Dinitrotoluene	14.40	165	140721	20.614 ng/ul	97
48) Acenaphthylene	14.55	152	857640	19.191 ng/ul	99
49) 3-Nitroaniline	14.72	138	116324	18.936 ng/ul	92
50) Acenaphthene	14.89	153	601075	18.739 ng/ul	99
51) 2,4-Dinitrophenol	14.93	184	71012	18.597 ng/ul	99
53) 4-Nitrophenol	15.02	109	90058	18.112 ng/ul	97
54) Dibenzofuran	15.22	168	805084	18.339 ng/ul	97
55) 2,4-Dinitrotoluene	15.17	165	194046	19.741 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.44	232	163015	19.929 ng/ul	99
57) Diethylphthalate	15.62	149	675440	18.495 ng/ul	97
59) Fluorene	15.86	166	669161	18.255 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.85	204	327451	18.334 ng/ul	99
61) 4-Nitroaniline	15.87	138	105331	16.691 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.93	198	109501	19.244 ng/ul	99
65) N-Nitrosodiphenylamine	16.06	169	553605	19.204 ng/ul	100
66) 4-Bromophenyl-phenylether	16.74	248	197766	19.495 ng/ul	97
67) Hexachlorobenzene	16.86	284	222851	19.209 ng/ul	98
68) Atrazine	17.00	200	190334	19.669 ng/ul	99
69) Pentachlorophenol	17.20	266	129249	19.744 ng/ul	99
70) Phenanthrene	17.59	178	1006248	18.756 ng/ul	99
72) Anthracene	17.68	178	1034687	18.952 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	278660	19.870 ng/uL	98
74) Pentachlorobenzene	15.14	250	266341	19.524 ng/uL	99
75) Carbazole	17.94	167	866559	19.028 ng/ul	99
76) Di-n-butylphthalate	18.48	149	1111434	19.826 ng/ul	99
77) Fluoranthene	19.57	202	1085548	19.171 ng/ul	99
80) Pyrene	19.93	202	1114996	18.800 ng/ul	99
81) Butylbenzylphthalate	20.79	149	474570	21.317 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.57	252	275097	18.250 ng/ul	99
83) Benzo(a)anthracene	21.64	228	988854	18.745 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	695522	22.016 ng/ul	99
85) Chrysene	21.70	228	967114	18.654 ng/ul	99
87) Di-n-octyl phthalate	22.46	149	1141866	20.247 ng/ul	100
88) Benzo(b)fluoranthene	23.30	252	1002594	18.931 ng/ul	98
89) Benzo(k)fluoranthene	23.36	252	922330	17.560 ng/ul	99
91) Benzo(a)pyrene	23.92	252	880296	18.442 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.46	276	1059591	19.437 ng/ul	99
93) Dibenzo(a,h)anthracene	26.46	278	897356	19.420 ng/ul	98
94) Benzo(g,h,i)perylene	27.20	276	895188	19.553 ng/ul	99

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

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