Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028233.D
Acq On : 22 Dec 2020 08:48
Operator : JU/CG
Sample : L5110-23
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54P4

Quant Time: Dec 22 09:51:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 09:49:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	122505	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	474173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	258911	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	504566	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	460121	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	447182	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	15547	5.04	ng/uL	0.00
5) Phenol-d5	7.33	99	326292	31.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	195639	29.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	274552	31.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	259186	30.79	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	126375	33.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	135699	35.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	259485	33.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	334392	36.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	712691	35.73	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	918082	36.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	124016	34.19	ng/ul	0.00
58) Fluorene-d10	15.81	176	599550	33.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	95125	31.66	ng/ul	0.00
71) Anthracene-d10	17.64	188	907914	36.26	ng/ul	0.00
79) Pyrene-d10	19.90	212	953612	37.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.88	264	937819	38.08	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	66756	20.992	ng/uL	92
8) Bis(2-Chloroethyl)ether	7.60	93	355173	41.490	ng/ul	97
10) 2-Chlorophenol	7.75	128	332153	37.395	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.73	45	436245	29.882	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.01	70	137394	21.624	ng/ul	95
17) Hexachloroethane	9.29	117	92806	24.585	ng/ul	98
20) Nitrobenzene	9.42	77	316405	34.394	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.42	93	313038	28.830	ng/ul	99
27) 2,4-Dichlorophenol	10.66	162	258017	34.610	ng/ul	99
28) Naphthalene	11.07	128	691918	25.733	ng/ul	99
31) Hexachlorobutadiene	11.36	225	98139	19.895	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	122762	14.467	ng/ul	99
38) Hexachlorocyclopentadiene	13.01	237	122584	23.844	ng/ul	100
39) 2,4,6-Trichlorophenol	13.27	196	245945	47.628	ng/ul	95
40) 2,4,5-Trichlorophenol	13.33	196	175016	31.310	ng/ul	99
42) 2-Chloronaphthalene	13.71	162	493913	28.927	ng/ul	100
45) Dimethylphthalate	14.27	163	740825	36.347	ng/ul	100
46) 2,6-Dinitrotoluene	14.40	165	79894	20.619	ng/ul	98
48) Acenaphthylene	14.55	152	653136	25.748	ng/ul	99
50) Acenaphthene	14.89	153	387182	21.266	ng/ul	98
54) Dibenzofuran	15.22	168	603973	24.238	ng/ul	97
55) 2,4-Dinitrotoluene	15.17	165	91482	16.396	ng/ul	92
57) Diethylphthalate	15.62	149	555646	26.805	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
59) Fluorene	15.86	166	505160	24.279 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.85	204	144854	14.289 ng/ul	99
66) 4-Bromophenyl-phenylether	16.74	248	136420	23.619 ng/ul	97
67) Hexachlorobenzene	16.86	284	106924	16.187 ng/ul	99
69) Pentachlorophenol	17.19	266	144914	38.881 ng/ul	96
72) Anthracene	17.68	178	1221778	39.304 ng/ul	100
75) Carbazole	17.94	167	1031309	39.773 ng/ul	99
76) Di-n-butylphthalate	18.48	149	1082537	33.916 ng/ul	99
81) Butylbenzylphthalate	20.80	149	520504	39.991 ng/ul	97
83) Benzo(a)anthracene	21.64	228	900141	29.187 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	464329	25.139 ng/ul	98
87) Di-n-octyl phthalate	22.46	149	1525752	47.387 ng/ul	100
88) Benzo(b)fluoranthene	23.31	252	446140	14.755 ng/ul	99
89) Benzo(k)fluoranthene	23.36	252	1245523	41.535 ng/ul	98
94) Benzo(g,h,i)perylene	27.20	276	705052	26.974 ng/ul	99

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

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