Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028161.D
Acq On : 18 Dec 2020 16:13
Operator : JU/CG
Sample : L5068-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A54K4

Quant Time: Dec 18 16:51:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 14:51:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	85787	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	337650	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	185185	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	372680	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	368154	20.00	ng/ul	0.00
86) Perylene-d12	24.04	264	388104	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	11163	5.17	ng/uL	0.00
5) Phenol-d5	7.35	99	218215	30.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	130661	28.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	183227	30.07	ng/ul	-0.01
13) 4-Methylphenol-d8	8.91	113	170061	28.85	ng/ul	-0.01
19) Nitrobenzene-d5	9.39	128	84215	31.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	88802	32.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	169255	31.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	220534	34.09	ng/ul	-0.01
44) Dimethylphthalate-d6	14.23	166	495391	34.72	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	607725	33.95	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	105736	40.76	ng/ul	0.00
58) Fluorene-d10	15.82	176	411330	32.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	78168	35.22	ng/ul	0.00
71) Anthracene-d10	17.65	188	739493	39.98	ng/ul	0.00
79) Pyrene-d10	19.92	212	875756	42.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.89	264	937093	43.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	47442	21.304	ng/uL	92
8) Bis(2-Chloroethyl)ether	7.62	93	239082	39.882	ng/ul	95
10) 2-Chlorophenol	7.76	128	228257	36.697	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.75	45	291667	28.529	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.02	70	90502	20.340	ng/ul	93
17) Hexachloroethane	9.30	117	65203	24.666	ng/ul	96
20) Nitrobenzene	9.43	77	215563	32.907	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.43	93	204094	26.397	ng/ul	99
27) 2,4-Dichlorophenol	10.67	162	172817	32.554	ng/ul	98
28) Naphthalene	11.09	128	469227	24.506	ng/ul	100
31) Hexachlorobutadiene	11.37	225	64990	18.502	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	80933	13.335	ng/ul	97
38) Hexachlorocyclopentadiene	13.02	237	75802	20.614	ng/ul	98
39) 2,4,6-Trichlorophenol	13.27	196	168011	45.489	ng/ul	95
40) 2,4,5-Trichlorophenol	13.35	196	115824	28.970	ng/ul	99
42) 2-Chloronaphthalene	13.72	162	332619	27.236	ng/ul	100
45) Dimethylphthalate	14.28	163	517260	35.482	ng/ul	100
46) 2,6-Dinitrotoluene	14.40	165	54704	19.738	ng/ul	97
48) Acenaphthylene	14.56	152	443021	24.418	ng/ul	99
50) Acenaphthene	14.90	153	261355	20.070	ng/ul	99
54) Dibenzofuran	15.23	168	409661	22.986	ng/ul	97
55) 2,4-Dinitrotoluene	15.18	165	71646	17.953	ng/ul#	97
57) Diethylphthalate	15.63	149	429772	28.987	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Fluorene	15.87	166	355702	23.902	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.86	204	99882	13.775	ng/ul	97
66) 4-Bromophenyl-phenylether	16.74	248	99406	23.301	ng/ul	98
67) Hexachlorobenzene	16.87	284	84447	17.309	ng/ul	97
69) Pentachlorophenol	17.20	266	113306	41.158	ng/ul	96
72) Anthracene	17.69	178	1013775	44.154	ng/ul	99
75) Carbazole	17.95	167	926064	48.353	ng/ul	100
76) Di-n-butylphthalate	18.49	149	950747	40.328	ng/ul	99
81) Butylbenzylphthalate	20.80	149	488097	46.870	ng/ul	100
83) Benzo(a)anthracene	21.66	228	885937	35.902	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	438626	29.680	ng/ul#	99
87) Di-n-octyl phthalate	22.47	149	1481349	53.011	ng/ul	100
88) Benzo(b)fluoranthene	23.32	252	482202	18.376	ng/ul	99
89) Benzo(k)fluoranthene	23.37	252	1236597	47.515	ng/ul	100
94) Benzo(g,h,i)perylene	27.23	276	741385	32.682	ng/ul	99

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

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