Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004338.D
Acq On : 17 Dec 2020 13:04
Operator : CG/JU
Sample : L5067-23
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54K3

Quant Time: Dec 17 13:38:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 12:12:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	258786	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1076409	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	658684	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1453223	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	1476134	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	1584030	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	30970	4.20	ng/uL	0.00
5) Phenol-d5	7.00	99	725579	33.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	384677	28.78	ng/ul	0.01
9) 2-Chlorophenol-d4	7.38	132	563909	34.71	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	562794	34.79	ng/ul	0.01
19) Nitrobenzene-d5	9.00	128	285212	32.35	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	319707	43.97	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	596942	37.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	755464	38.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1794914	35.65	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	2219965	34.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	329752	38.78	ng/ul	0.00
58) Fluorene-d10	15.49	176	1534181	33.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.62	200	269173	38.61	ng/ul	0.01
71) Anthracene-d10	17.35	188	2568999	36.27	ng/ul	0.01
79) Pyrene-d10	19.59	212	2978731	38.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.57	264	3226726	38.67	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	132521	17.311	ng/uL	93
8) Bis(2-Chloroethyl)ether	7.26	93	756233	41.042	ng/ul	97
10) 2-Chlorophenol	7.40	128	699793	41.084	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	644441	29.258	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	288612	23.293	ng/ul	97
17) Hexachloroethane	8.92	117	184423	23.575	ng/ul	93
20) Nitrobenzene	9.04	77	697450	32.041	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	691029	27.610	ng/ul	100
27) 2,4-Dichlorophenol	10.29	162	616832	38.023	ng/ul	99
28) Naphthalene	10.69	128	1483603	24.312	ng/ul	99
31) Hexachlorobutadiene	10.98	225	237373	18.941	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	314609	13.114	ng/ul	99
38) Hexachlorocyclopentadiene	12.66	237	283157	20.570	ng/ul	99
39) 2,4,6-Trichlorophenol	12.92	196	704202	60.821	ng/ul	99
40) 2,4,5-Trichlorophenol	12.99	196	475953	36.765	ng/ul	98
42) 2-Chloronaphthalene	13.36	162	1187206	26.956	ng/ul	99
45) Dimethylphthalate	13.95	163	2010575	39.210	ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	225323	23.598	ng/ul	93
48) Acenaphthylene	14.21	152	1563944	24.526	ng/ul	100
50) Acenaphthene	14.56	153	927823	20.551	ng/ul	98
54) Dibenzofuran	14.89	168	1507300	23.695	ng/ul	98
55) 2,4-Dinitrotoluene	14.86	165	264636	19.529	ng/ul	97
57) Diethylphthalate	15.32	149	1401533	29.122	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Fluorene	15.55	166	1277859	25.115	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.54	204	395898	14.676	ng/ul	100
66) 4-Bromophenyl-phenylether	16.44	248	404374	23.927	ng/ul	96
67) Hexachlorobenzene	16.56	284	327427	16.160	ng/ul	98
69) Pentachlorophenol	16.90	266	424091	45.503	ng/ul	98
72) Anthracene	17.39	178	3318618	39.124	ng/ul	99
75) Carbazole	17.66	167	2693689	39.025	ng/ul	99
76) Di-n-butylphthalate	18.22	149	2744061	37.313	ng/ul	100
81) Butylbenzylphthalate	20.49	149	1434313	52.189	ng/ul	99
83) Benzo(a)anthracene	21.33	228	3024290	31.082	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1274559	28.638	ng/ul	99
87) Di-n-octyl phthalate	22.17	149	4133292	55.157	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	1591803	15.846	ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	4267069	41.361	ng/ul	99
94) Benzo(g,h,i)perylene	26.90	276	2644739	26.816	ng/ul	97

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

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