Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004258.D
Acq On : 12 Dec 2020 14:35
Operator : CG/JU
Sample : L5000-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54A1

Manual Integrations APPROVED
mohammad
12/14/2020 2:46:03 PM

Quant Time: Dec 14 06:03:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	340319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1372242	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	852077	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1856330	20.00	ng/ul	0.01
78) Chrysene-d12	21.33	240	1839489	20.00	ng/ul	0.01
86) Perylene-d12	23.70	264	2135200	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	16601	1.71	ng/uL	0.00
5) Phenol-d5	7.00	99	359062	12.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	193840	11.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	295793	13.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	277656	13.05	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	140012	12.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	147293	15.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	294901	14.47	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	290267	11.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	862530	13.24	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1124575	13.53	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	130642	11.88	ng/ul	0.02
58) Fluorene-d10	15.48	176	770632	13.07	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	16626	1.87	ng/ul	0.02
71) Anthracene-d10	17.34	188	1229579	13.59	ng/ul	0.00
79) Pyrene-d10	19.58	212	1403978	14.65	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.54	264	1585080	14.09	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.68	128	401771	5.165	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	144868	2.768	ng/ul	95
45) Dimethylphthalate	13.93	163	231742	3.494	ng/ul	100
50) Acenaphthene	14.55	153	318313	5.450	ng/ul	99
54) Dibenzofuran	14.88	168	497236	6.042	ng/ul	99
59) Fluorene	15.53	166	416392	6.326	ng/ul	98
70) Phenanthrene	17.29	178	6373287	58.195	ng/ul	98
72) Anthracene	17.37	178	1360599	12.557	ng/ul	100
75) Carbazole	17.65	167	760871	8.629	ng/ul	99
77) Fluoranthene	19.26	202	8227110	70.354	ng/ul	97
80) Pyrene	19.61	202	6966817	56.146	ng/ul	97
83) Benzo(a)anthracene	21.32	228	3558354	29.347	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.25	149	56014	1.010	ng/ul#	67
85) Chrysene	21.37	228	3838533	32.270	ng/ul	96
88) Benzo(b)fluoranthene	22.98	252	4840596	35.748	ng/ul	98
89) Benzo(k)fluoranthene	23.02	252	1839707m	13.229	ng/ul	
91) Benzo(a)pyrene	23.59	252	3412984	27.011	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.12	276	2509662	15.838	ng/ul	94
93) Dibenzo(a,h)anthracene	26.13	278	608784	4.584	ng/ul#	85
94) Benzo(g,h,i)perylene	26.87	276	1892484	14.235	ng/ul	94

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

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