Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004308.D
Acq On : 15 Dec 2020 17:19
Operator : CG/JU
Sample : L5001-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54D0

Manual Integrations APPROVED
mohammad
12/17/2020 9:52:54 AM

Quant Time: Dec 15 17:59:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	286889	20.00	ng/ul	0.01
18) Naphthalene-d8	10.65	136	1217547	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	747013	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	1547045	20.00	ng/ul	0.01
78) Chrysene-d12	21.36	240	1398771	20.00	ng/ul	0.02
86) Perylene-d12	23.73	264	1597930	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	16199	1.98	ng/uL	0.00
5) Phenol-d5	7.01	99	368947	15.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	209699	14.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	305652	16.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	230390	12.85	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	158424	15.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	140593	17.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	314752	17.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	327689	14.62	ng/ul	0.01
44) Dimethylphthalate-d6	13.90	166	955798	16.74	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	1255949	17.24	ng/ul	0.01
52) 4-Nitrophenol-d4	14.70	143	93002	9.64	ng/ul	0.02
58) Fluorene-d10	15.49	176	841521	16.27	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.63	200	4326	0.58	ng/ul	0.02
71) Anthracene-d10	17.36	188	1283725	17.03	ng/ul	0.01
79) Pyrene-d10	19.60	212	1348075	18.50	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.57	264	1481884	17.60	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.04	94	71335	2.879	ng/ul	97
45) Dimethylphthalate	13.95	163	196063	3.372	ng/ul	99
48) Acenaphthylene	14.22	152	78529	1.086	ng/ul	97
50) Acenaphthene	14.56	153	117983	2.304	ng/ul	98
54) Dibenzofuran	14.89	168	114233	1.583	ng/ul	100
59) Fluorene	15.55	166	186715	3.236	ng/ul	99
70) Phenanthrene	17.30	178	2915165	31.940	ng/ul	99
72) Anthracene	17.39	178	772768	8.558	ng/ul	99
75) Carbazole	17.66	167	199967	2.721	ng/ul	99
77) Fluoranthene	19.27	202	4358054	44.719	ng/ul	96
80) Pyrene	19.63	202	3717941	39.404	ng/ul	96
83) Benzo(a)anthracene	21.34	228	2192373	23.778	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.26	149	143445	3.401	ng/ul#	94
85) Chrysene	21.39	228	1873537	20.713	ng/ul	96
88) Benzo(b)fluoranthene	23.01	252	2354641	23.236	ng/ul	96
89) Benzo(k)fluoranthene	23.05	252	948406m	9.113	ng/ul	
91) Benzo(a)pyrene	23.63	252	1835721	19.413	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	26.17	276	1155294	9.742	ng/ul	94
93) Dibenzo(a,h)anthracene	26.17	278	321303	3.233	ng/ul#	80
94) Benzo(g,h,i)perylene	26.93	276	877913	8.824	ng/ul	94

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

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