Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

Manual Integrations APPROVED
mohammad
12/18/2020 10:27:41 AM

Quant Time: Dec 17 17:34:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 15:20:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	218088	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.63	136	924377	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.48	164	574342	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.25	188	1271333	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1321520	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1412523	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	19164	3.09	ng/uL	0.00
5) Phenol-d5	6.99	99	373058	20.68	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	220859	19.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	310633	22.69	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	282301	20.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	163929	21.65	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.71	143	181451	29.06	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	317385	23.12	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	397392	23.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	974815	22.21	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1298486	23.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	115025	15.51	ng/ul	-0.01
58) Fluorene-d10	15.48	176	969838	24.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	95315	15.63	ng/ul	-0.01
71) Anthracene-d10	17.34	188	1412528	22.80	ng/ul	-0.01
79) Pyrene-d10	19.58	212	1663530	24.16	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.55	264	1784648	23.98	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.02	94	46487	2.468	ng/ul	97
45) Dimethylphthalate	13.93	163	149981	3.354	ng/ul	99
70) Phenanthrene	17.29	178	416603	5.554	ng/ul	99
77) Fluoranthene	19.26	202	602478	7.523	ng/ul	98
80) Pyrene	19.61	202	520133	5.835	ng/ul	98
83) Benzo(a)anthracene	21.32	228	261572	3.003	ng/ul	98
85) Chrysene	21.37	228	251770	2.946	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	312878	3.493	ng/ul#	96
89) Benzo(k)fluoranthene	23.03	252	127514m	1.386	ng/ul	
91) Benzo(a)pyrene	23.60	252	242707	2.904	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.13	276	164122	1.566	ng/ul	97
94) Benzo(g,h,i)perylene	26.87	276	145809	1.658	ng/ul	97

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

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