Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020480.D
Acq On : 22 May 2019 03:28
Operator : JU/SJ
Sample : K2923-05DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4252DL

Manual Integrations APPROVED
mohammad
5/23/2019 8:43:39 AM

Quant Time: May 22 06:52:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 06:40:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	16611	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	64011	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	38335	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	101779	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	122536	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	140424	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1385	3.08	ng/uL	0.00
5) Phenol-d5	6.89	99	13714	10.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	8939	10.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	11589	11.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	7896	8.18	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	3988	9.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	4556	9.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	8830	9.09	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	6329m	6.31	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	34691	12.58	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	40300	11.68	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.37	176	31526	12.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	1760	3.04	ng/ul	0.00
70) Anthracene-d10	17.22	188	56591	12.96	ng/ul	0.00
78) Pyrene-d10	19.52	212	72168	12.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	84489	13.24	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.83	163	11427	4.188	ng/ul	100
49) Acenaphthene	14.43	153	6892	3.081	ng/ul#	86
53) Dibenzofuran	14.77	168	5900	1.742	ng/ul	96
58) Fluorene	15.42	166	7074	2.607	ng/ul	95
69) Phenanthrene	17.16	178	251597	51.881	ng/ul	99
71) Anthracene	17.26	178	39984	8.105	ng/ul	97
74) Carbazole	17.54	167	22408	5.352	ng/ul	98
76) Fluoranthene	19.19	202	456176	74.467	ng/ul	99
79) Pyrene	19.55	202	369365	50.221	ng/ul	99
82) Benzo(a)anthracene	21.30	228	183105	24.827	ng/ul	99
84) Chrysene	21.35	228	174664	24.782	ng/ul	98
87) Benzo(b)fluoranthene	22.90	252	249348	31.113	ng/ul	98
88) Benzo(k)fluoranthene	22.94	252	84783m	10.770	ng/ul	
90) Benzo(a)pyrene	23.49	252	151754	20.121	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.89	276	117576	13.681	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.89	278	28460	3.872	ng/ul#	90
93) Benzo(g,h,i)perylene	26.60	276	96588	13.577	ng/ul	100

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

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