Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029429.D
Acq On : 09 Apr 2021 13:43
Operator : CG/JU
Sample : M1881-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH1

Manual Integrations APPROVED
mohammad
4/12/2021 2:46:06 PM

Quant Time: Apr 09 14:16:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 09 11:03:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	97766	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	370183	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	195076	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	349795	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	313233	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	340858	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	10191	3.98	ng/uL	0.00
5) Phenol-d5	6.86	99	167397	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	114058	21.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	136721	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	115786	18.34	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	59557	23.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	61287	22.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	115108	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	115432	17.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	326034	23.34	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	401813	22.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	32567	12.71	ng/ul	0.00
58) Fluorene-d10	15.32	176	268767	22.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	28235	14.20	ng/ul	0.00
71) Anthracene-d10	17.16	188	384636	24.19	ng/ul	0.00
79) Pyrene-d10	19.45	212	403879	26.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	438376	25.21	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	11314	1.295	ng/ul#	89
45) Dimethylphthalate	13.78	163	32497	2.262	ng/ul	97
70) Phenanthrene	17.10	178	45377	2.253	ng/ul	99
77) Fluoranthene	19.12	202	89798	3.939	ng/ul	97
80) Pyrene	19.48	202	86396	4.165	ng/ul	98
83) Benzo(a)anthracene	21.22	228	41897	2.121	ng/ul	92
84) Bis(2-ethylhexyl)phthalate	21.17	149	103398	7.565	ng/ul	99
85) Chrysene	21.27	228	43189	2.236	ng/ul	96
87) Di-n-octyl phthalate	22.03	149	27783	1.033	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	54688	2.492	ng/ul#	85
89) Benzo(k)fluoranthene	22.83	252	26204m	1.216	ng/ul	
91) Benzo(a)pyrene	23.35	252	43319	2.225	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.66	276	39488	1.550	ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	41102	1.986	ng/ul	96

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

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