Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025770.D
Acq On : 25 Mar 2020 16:32
Operator : CG/JU
Sample : L1938-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB726

Manual Integrations APPROVED
mohammad
3/27/2020 8:15:04 AM

Quant Time: Mar 25 17:12:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 25 07:24:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	201248	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	841704	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	535605	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1127981	20.00	ng/ul	-0.01
78) Chrysene-d12	21.15	240	1170187	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1334621	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	22144	4.62	ng/uL	0.00
5) Phenol-d5	6.75	99	412434	25.97	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	243840	26.90	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	352003	27.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	306328	23.47	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	180549	28.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	196273	29.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	369380	27.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	428394	27.13	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1150613	28.27	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1404369	28.80	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	191406	24.70	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1020357	28.56	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	159511	23.18	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1464729	27.80	ng/ul	0.00
79) Pyrene-d10	19.35	212	1651021	29.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1986875	29.08	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.72	77	11312	1.345	ng/ul	89
45) Dimethylphthalate	13.67	163	230545	5.441	ng/ul	99
70) Phenanthrene	16.99	178	529001	7.968	ng/ul	99
72) Anthracene	17.09	178	114974	1.699	ng/ul	99
77) Fluoranthene	19.02	202	1152718	14.729	ng/ul	99
80) Pyrene	19.38	202	1028581	13.088	ng/ul	99
83) Benzo(a)anthracene	21.13	228	601904	7.802	ng/ul	97
85) Chrysene	21.18	228	582551	7.696	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	891686	10.708	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	270745m	3.300	ng/ul	
91) Benzo(a)pyrene	23.20	252	559209	7.379	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.42	276	441269	4.409	ng/ul	97
93) Dibenzo(a,h)anthracene	25.42	278	120528	1.422	ng/ul#	87
94) Benzo(g,h,i)perylene	26.06	276	305709	3.706	ng/ul	97

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

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