Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025759.D
Acq On : 25 Mar 2020 09:55
Operator : CG/JU
Sample : L1938-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB794

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:21 AM

Quant Time: Mar 25 14:46:53 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	262664	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1094649	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	677580	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1429592	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1513317	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1737433	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	35341	5.64	ng/uL	0.00
5) Phenol-d5	6.75	99	677714	32.69	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	395482	33.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	581932	34.59	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	554959	32.58	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	293417	36.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	318751	36.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	590293	33.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	766162	37.30	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1775210	34.47	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	2198446	35.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	300803	30.68	ng/ul	0.00
58) Fluorene-d10	15.20	176	1576734	34.88	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	253096	29.02	ng/ul	-0.01
71) Anthracene-d10	17.05	188	2309017	34.58	ng/ul	0.00
79) Pyrene-d10	19.35	212	2588758	35.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	3204123	36.02	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.38	128	79554	1.334	ng/ul	97
50) Acenaphthene	14.27	153	46328	1.020	ng/ul	99
59) Fluorene	15.26	166	55453	1.023	ng/ul	97
70) Phenanthrene	16.99	178	961117	11.422	ng/ul	99
72) Anthracene	17.09	178	203848	2.377	ng/ul	100
75) Carbazole	17.36	167	76201	1.017	ng/ul	97
77) Fluoranthene	19.02	202	1522295	15.348	ng/ul	99
80) Pyrene	19.38	202	1382828	13.606	ng/ul	99
83) Benzo(a)anthracene	21.13	228	776425	7.782	ng/ul	99
85) Chrysene	21.18	228	747353	7.635	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	1088239	10.039	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	308090m	2.885	ng/ul	
91) Benzo(a)pyrene	23.20	252	690559	7.000	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.42	276	511126	3.923	ng/ul	98
93) Dibenzo(a,h)anthracene	25.42	278	144144	1.307	ng/ul#	95
94) Benzo(g,h,i)perylene	26.06	276	336481	3.134	ng/ul	97

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

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