Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025674.D
Acq On : 20 Mar 2020 23:07
Operator : CG/JU
Sample : L1972-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 21 00:00:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 23:10:07 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : B0AH3

Manual Integrations APPROVED
mohammad
3/23/2020 9:42:07 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	180483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	770790	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	476726	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	975677	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	970754	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1171089	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	18471	4.29	ng/uL	0.00
5) Phenol-d5	6.76	99	399891	28.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	227181	27.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	329351	28.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	325999	27.85	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	164562	28.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	177324	29.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	352723	28.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	385663	26.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1038718	28.67	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1283512	29.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	168073	24.36	ng/ul	0.00
58) Fluorene-d10	15.22	176	924903	29.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	99720	16.75	ng/ul	0.00
71) Anthracene-d10	17.06	188	1401238	30.75	ng/ul	0.00
79) Pyrene-d10	19.36	212	1498640	32.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	1838153	30.66	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	21106	1.419	ng/ul	98
28) Naphthalene	10.39	128	50698	1.208	ng/ul	99
45) Dimethylphthalate	13.68	163	102042	2.706	ng/ul	98
48) Acenaphthylene	13.93	152	452145	9.617	ng/ul	99
50) Acenaphthene	14.28	153	151758	4.748	ng/ul	99
54) Dibenzofuran	14.62	168	85627	1.889	ng/ul	97
59) Fluorene	15.27	166	197685	5.184	ng/ul	97
70) Phenanthrene	17.00	178	4381100	76.286	ng/ul	99
72) Anthracene	17.09	178	1046305	17.877	ng/ul	100
75) Carbazole	17.36	167	194282	3.798	ng/ul	97
77) Fluoranthene	19.03	202	8776338	129.646	ng/ul	99
80) Pyrene	19.39	202	7630076	117.031	ng/ul	97
83) Benzo(a)anthracene	21.14	228	3748594	58.571	ng/ul	94
85) Chrysene	21.19	228	3591568	57.197	ng/ul	97
88) Benzo(b)fluoranthene	22.68	252	5386164	73.713	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	1281654m	17.805	ng/ul	
91) Benzo(a)pyrene	23.23	252	3655884	54.979	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.45	276	2667739	30.379	ng/ul	96
93) Dibenzo(a,h)anthracene	25.45	278	650279	8.745	ng/ul#	84
94) Benzo(g,h,i)perylene	26.10	276	1866905	25.795	ng/ul	99

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

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