Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009472.D
Acq On : 29 Jan 2020 10:40
Operator : CG/JU
Sample : L1193-13ME
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4ME

Manual Integrations APPROVED
mohammad
1/30/2020 8:03:58 AM

Quant Time: Jan 29 12:02:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	167279	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.20	136	699966	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	426252	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	836894	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	745278	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	798278	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	14052	3.47	ng/uL	0.00
5) Phenol-d5	6.65	99	270195	18.21	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	205433	19.51	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.99	132	215314	19.88	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	224463	19.01	ng/ul	-0.01
19) Nitrobenzene-d5	8.59	128	111795	21.95	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	119989	22.47	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.83	165	210621	19.90	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.35	131	301786	23.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	698068	22.13	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	779597	20.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	110417	18.81	ng/ul	0.00
57) Fluorene-d10	15.09	176	607147	21.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	93640	18.48	ng/ul	0.00
70) Anthracene-d10	16.95	188	888224	22.94	ng/ul	0.00
78) Pyrene-d10	19.25	212	893759	22.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	904182	22.44	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.25	128	717074	19.037	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	13204106	509.185	ng/ul	97
40) 1,1'-Biphenyl	12.91	154	338811	10.497	ng/ul	98
47) Acenaphthylene	13.81	152	1535093	37.989	ng/ul#	97
49) Acenaphthene	14.15	153	285862	10.369	ng/ul	98
53) Dibenzofuran	14.49	168	495375	12.933	ng/ul	94
58) Fluorene	15.15	166	1495514	46.597	ng/ul	96
69) Phenanthrene	16.89	178	8928066	189.068	ng/ul	98
71) Anthracene	16.97	178	621660	12.930	ng/ul	98
76) Fluoranthene	18.91	202	1419587	26.224	ng/ul	99
79) Pyrene	19.28	202	2206829	40.895	ng/ul	100
82) Benzo(a)anthracene	21.04	228	739804m	14.577	ng/ul	
84) Chrysene	21.09	228	691111	13.979	ng/ul	97
87) Benzo(b)fluoranthene	22.55	252	340603	6.748	ng/ul#	94
88) Benzo(k)fluoranthene	22.58	252	118713m	2.392	ng/ul	
90) Benzo(a)pyrene	23.08	252	178542	3.941	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	116496	2.122	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.24	278	50218	1.084	ng/ul#	92
93) Benzo(g,h,i)perylene	25.86	276	77698	1.701	ng/ul	96

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

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