Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024541.D
Acq On : 18 Jan 2020 18:22
Operator : JU
Sample : L1109-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Manual Integrations APPROVED
mohammad
1/21/2020 8:00:04 AM

Quant Time: Jan 20 06:05:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	214249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	964716	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	671422	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1464812	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1544453	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1643170	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	11245	2.56	ng/uL	0.00
5) Phenol-d5	6.65	99	273445	17.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	162457	18.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	253882	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	231125	15.78	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	135216	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	161280	21.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	293902	17.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	288543	15.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1077690	20.48	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1192705	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	193835	22.08	ng/ul	0.00
58) Fluorene-d10	15.10	176	926708	20.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	154213	18.44	ng/ul	0.00
71) Anthracene-d10	16.96	188	1494965	21.95	ng/ul	0.00
79) Pyrene-d10	19.26	212	1769121	21.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1869132	21.93	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.67	94	331382	20.535	ng/ul	93
10) 2-Chlorophenol	7.03	128	273976	20.184	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.26	70	227770	20.960	ng/ul	94
33) 4-Chloro-3-methylphenol	11.52	107	347265	20.842	ng/ul	97
45) Dimethylphthalate	13.57	163	276348	5.167	ng/ul	99
48) Acenaphthylene	13.82	152	172438	2.788	ng/ul	97
50) Acenaphthene	14.17	153	859271	20.527	ng/ul	99
53) 4-Nitrophenol	14.33	109	194101	23.773	ng/ul	96
54) Dibenzofuran	14.51	168	103264	1.684	ng/ul	98
55) 2,4-Dinitrotoluene	14.48	165	369079	24.530	ng/ul	94
59) Fluorene	15.16	166	116546	2.248	ng/ul	97
69) Pentachlorophenol	16.52	266	262065	22.072	ng/ul	99
70) Phenanthrene	16.90	178	1295381	16.398	ng/ul	100
72) Anthracene	16.99	178	356293	4.423	ng/ul	98
77) Fluoranthene	18.93	202	1409376	14.597	ng/ul	100
80) Pyrene	19.29	202	3735982	35.335	ng/ul	99
83) Benzo(a)anthracene	21.05	228	800833m	7.612	ng/ul	
85) Chrysene	21.10	228	716032	7.063	ng/ul	99
88) Benzo(b)fluoranthene	22.57	252	691769	6.370	ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	251203m	2.354	ng/ul	
91) Benzo(a)pyrene	23.10	252	543991	5.764	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	281346	2.849	ng/ul	98
93) Dibenzo(a,h)anthracene	25.26	278	92143	1.099	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	25.89	276	197764	2.520	ng/ul	99

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

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