Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011621\
Data File : BM028409.D
Acq On : 15 Jan 2021 18:43
Operator : CG/JU
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00501

Manual Integrations APPROVED
mohammad
1/18/2021 12:50:12 PM

Quant Time: Jan 15 22:22:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 21:50:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	26283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	104528	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	58506	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	115133	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	104779	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	109864	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	1243	1.95	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.61	132	9987	5.19	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.26	128	4325	5.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	4711	5.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	9081	5.24	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.13	166	23659	5.13	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	29409	5.05	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.71	176	20994	5.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.55	188	30829	5.26	ng/ul	0.00
79) Pyrene-d10	19.82	212	31851	5.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	32264	5.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	1322	2.008	ng/uL	93
10) 2-Chlorophenol	7.65	128	10041	5.167	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.90	70	6779	4.821	ng/ul	98
17) Hexachloroethane	9.18	117	4376	5.344	ng/ul	92
20) Nitrobenzene	9.30	77	10866	5.224	ng/ul	99
21) Isophorone	9.83	82	19048	5.286	ng/ul	99
23) 2-Nitrophenol	10.02	139	5100	5.140	ng/ul	94
24) 2,4-Dimethylphenol	10.07	107	10125	5.117	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.31	93	12364	5.229	ng/ul	99
27) 2,4-Dichlorophenol	10.55	162	8827	5.223	ng/ul	99
28) Naphthalene	10.96	128	31542	5.251	ng/ul	100
31) Hexachlorobutadiene	11.24	225	5754	5.342	ng/ul	96
33) 4-Chloro-3-methylphenol	12.18	107	8856	4.927	ng/ul	96
34) 2-Methylnaphthalene	12.56	142	20688	5.000	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	24252	5.011	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	10299	5.375	ng/ul	98
39) 2,4,6-Trichlorophenol	13.16	196	6403	5.309	ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	6685	5.067	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	26369	5.338	ng/ul	97
42) 2-Chloronaphthalene	13.61	162	20080	5.153	ng/ul	98
43) 2-Nitroaniline	13.81	65	5471	4.934	ng/ul	95
45) Dimethylphthalate	14.17	163	24206	5.142	ng/ul	100
46) 2,6-Dinitrotoluene	14.30	165	4559	4.807	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.45	152	29555	5.041	ng/ul	99
50) Acenaphthene	14.79	153	21580	5.163	ng/ul	98
54) Dibenzofuran	15.12	168	29499	5.163	ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	6302	4.647	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.35	232	5440	4.936	ng/ul#	93
57) Diethylphthalate	15.53	149	24945	5.233	ng/ul	99
59) Fluorene	15.77	166	23612	4.915	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	11992	5.187	ng/ul	93
65) N-Nitrosodiphenylamine	15.97	169	19779	5.260	ng/ul	97
66) 4-Bromophenyl-phenylether	16.64	248	6927	5.232	ng/ul	99
67) Hexachlorobenzene	16.76	284	8322	5.423	ng/ul	98
70) Phenanthrene	17.49	178	37099	5.237	ng/ul	98
72) Anthracene	17.59	178	37113	5.118	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	10063	5.608	ng/uL	97
74) Pentachlorobenzene	15.05	250	9491	5.355	ng/uL	99
76) Di-n-butylphthalate	18.39	149	42819	5.720	ng/ul	99
80) Pyrene	19.84	202	41853	5.053	ng/ul	99
81) Butylbenzylphthalate	20.72	149	18934	5.942	ng/ul	98
83) Benzo(a)anthracene	21.56	228	38639	5.398	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	28797	6.455	ng/ul	100
85) Chrysene	21.61	228	37287	5.342	ng/ul	98
88) Benzo(b)fluoranthene	23.19	252	38481m	4.905	ng/ul	
89) Benzo(k)fluoranthene	23.23	252	38824	5.112	ng/ul	100
91) Benzo(a)pyrene	23.79	252	35975	5.262	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.26	276	43665	6.033	ng/ul	98
93) Dibenzo(a,h)anthracene	26.26	278	36915	6.051	ng/ul	99
94) Benzo(g,h,i)perylene	26.98	276	35939	5.963	ng/ul	99

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

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