Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027407.D
Acq On : 15 Sep 2020 12:05
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02019

Manual Integrations APPROVED
mohammad
9/16/2020 10:13:18 AM

Quant Time: Sep 15 13:26:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 15 13:17:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	117356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	444544	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	300097	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	661074	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	682954	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	723310	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	24601	9.33	ng/uL	0.00
5) Phenol-d5	6.75	99	178530	18.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	126255	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	144822	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	149258	18.92	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	72803	21.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	78541	21.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	165080	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	178337	19.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	476071	19.94	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	579284	21.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	71128	16.92	ng/ul	0.00
58) Fluorene-d10	15.20	176	427008	19.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	78246	18.49	ng/ul	0.00
71) Anthracene-d10	17.04	188	652213	20.86	ng/ul	0.00
79) Pyrene-d10	19.34	212	729972	23.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	788675	20.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	25696	8.140	ng/uL	96
4) Benzaldehyde	6.71	77	129678	18.598	ng/ul	95
6) Phenol	6.77	94	197682	19.229	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.99	93	164754	19.953	ng/ul	97
10) 2-Chlorophenol	7.13	128	156275	21.153	ng/ul	99
11) 2-Methylphenol	8.01	108	144273	19.013	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	128877m	20.699	ng/ul	
14) Acetophenone	8.37	105	254904	19.251	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.36	70	153075	20.204	ng/ul	99
16) 4-Methylphenol	8.33	108	157737	19.045	ng/ul	97
17) Hexachloroethane	8.62	117	75775	20.616	ng/ul	100
20) Nitrobenzene	8.74	77	220713	20.194	ng/ul	96
21) Isophorone	9.27	82	379282	20.447	ng/ul	99
23) 2-Nitrophenol	9.45	139	89738	22.522	ng/ul	97
24) 2,4-Dimethylphenol	9.52	107	191828	21.025	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	218632	20.747	ng/ul	97
27) 2,4-Dichlorophenol	9.98	162	164823	20.959	ng/ul	96
28) Naphthalene	10.37	128	497376	21.057	ng/ul	99
30) 4-Chloroaniline	10.49	127	185308	19.693	ng/ul	96
31) Hexachlorobutadiene	10.67	225	124688	20.102	ng/ul	98
32) Caprolactam	11.27	113	42838	17.180	ng/ul	97
33) 4-Chloro-3-methylphenol	11.63	107	166914	19.927	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	371518	20.804	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	344663	19.395	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	227960	22.598	ng/ul	99
38) Hexachlorocyclopentadiene	12.36	237	136691	20.709	ng/ul	99
39) 2,4,6-Trichlorophenol	12.62	196	141173	23.012	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	148723	22.446	ng/ul	99
41) 1,1'-Biphenyl	13.03	154	501682	22.227	ng/ul	100
42) 2-Chloronaphthalene	13.06	162	397443	21.638	ng/ul	99
43) 2-Nitroaniline	13.27	65	115675	21.448	ng/ul	92
45) Dimethylphthalate	13.66	163	507694	20.175	ng/ul	99
46) 2,6-Dinitrotoluene	13.78	165	99614	20.760	ng/ul	91
48) Acenaphthylene	13.92	152	583727	21.436	ng/ul	98
49) 3-Nitroaniline	14.11	138	80057	18.731	ng/ul	100
50) Acenaphthene	14.26	153	410361	20.984	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	46005	15.328	ng/ul	94
53) 4-Nitrophenol	14.43	109	68853	15.711	ng/ul	95
54) Dibenzofuran	14.60	168	606194	20.729	ng/ul	99
55) 2,4-Dinitrotoluene	14.57	165	142329	19.243	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.83	232	134301	20.452	ng/ul	97
57) Diethylphthalate	15.04	149	497091	18.943	ng/ul	98
59) Fluorene	15.25	166	496121	19.739	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	265666	19.314	ng/ul	97
61) 4-Nitroaniline	15.27	138	83195	16.770	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.34	198	80848	17.651	ng/ul#	97
65) N-Nitrosodiphenylamine	15.47	169	429018	23.014	ng/ul	99
66) 4-Bromophenyl-phenylether	16.14	248	167372	21.871	ng/ul	97
67) Hexachlorobenzene	16.26	284	196422	21.202	ng/ul	95
68) Atrazine	16.43	200	158484	19.624	ng/ul	100
69) Pentachlorophenol	16.61	266	90859	15.981	ng/ul	98
70) Phenanthrene	16.99	178	786871	20.784	ng/ul	99
72) Anthracene	17.08	178	799373	20.725	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	227704	26.168	ng/uL	99
74) Pentachlorobenzene	14.53	250	220856	23.015	ng/uL	95
75) Carbazole	17.35	167	662916	20.306	ng/ul	99
76) Di-n-butylphthalate	17.93	149	806173	19.884	ng/ul	99
77) Fluoranthene	19.01	202	931436	19.967	ng/ul	98
80) Pyrene	19.37	202	961941	23.283	ng/ul	97
81) Butylbenzylphthalate	20.30	149	370222	23.412	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	326475	21.767	ng/ul	96
83) Benzo(a)anthracene	21.13	228	938054	21.198	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	536898	21.793	ng/ul	99
85) Chrysene	21.19	228	920612	21.055	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	914606	20.362	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	997652	20.892	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	955159	19.950	ng/ul	100
91) Benzo(a)pyrene	23.22	252	854208	19.172	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.46	276	1098021	18.773	ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	920766	18.612	ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	928109	18.985	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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