Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027436.D
Acq On : 16 Sep 2020 06:19
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02021

Manual Integrations APPROVED
mohammad
9/16/2020 10:13:28 AM

Quant Time: Sep 16 07:02:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 15 13:17:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	111096	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	401779	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	279349	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	657192	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	757560	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	827142	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	26245	10.51	ng/uL	0.00
5) Phenol-d5	6.75	99	164811	18.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	116225	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	134639	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	127079	17.02	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	63392	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	69314	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	144740	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	159574	18.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	428594	19.28	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	517299	20.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	63689	16.27	ng/ul	0.00
58) Fluorene-d10	15.19	176	395128	19.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	66290	15.76	ng/ul	0.00
71) Anthracene-d10	17.04	188	622966	20.04	ng/ul	0.00
79) Pyrene-d10	19.34	212	727798	21.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	846744	19.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	28533	9.548	ng/uL	97
4) Benzaldehyde	6.70	77	123492	18.708	ng/ul	99
6) Phenol	6.77	94	181311	18.630	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.99	93	147631	18.887	ng/ul	99
10) 2-Chlorophenol	7.13	128	143837	20.567	ng/ul	96
11) 2-Methylphenol	8.00	108	128614	17.905	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	109996	18.662	ng/ul	97
14) Acetophenone	8.37	105	225173	17.964	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.36	70	132939	18.535	ng/ul	98
16) 4-Methylphenol	8.33	108	137008	17.474	ng/ul	99
17) Hexachloroethane	8.62	117	73052	20.995	ng/ul	99
20) Nitrobenzene	8.74	77	200203	20.267	ng/ul	97
21) Isophorone	9.27	82	325594	19.421	ng/ul	99
23) 2-Nitrophenol	9.45	139	77602	21.549	ng/ul	95
24) 2,4-Dimethylphenol	9.52	107	167927	20.365	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	186314	19.562	ng/ul	97
27) 2,4-Dichlorophenol	9.98	162	147583	20.764	ng/ul	98
28) Naphthalene	10.37	128	433544	20.308	ng/ul	100
30) 4-Chloroaniline	10.49	127	166695	19.601	ng/ul	98
31) Hexachlorobutadiene	10.66	225	120195	21.441	ng/ul	98
32) Caprolactam	11.26	113	35662m	15.824	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	145075	19.164	ng/ul	100
34) 2-Methylnaphthalene	11.99	142	322795	20.000	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	303419	18.891	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	206545	21.995	ng/ul	100
38) Hexachlorocyclopentadiene	12.36	237	122898	20.002	ng/ul	98
39) 2,4,6-Trichlorophenol	12.62	196	121139	21.213	ng/ul	95
40) 2,4,5-Trichlorophenol	12.69	196	130303	21.126	ng/ul	97
41) 1,1'-Biphenyl	13.02	154	438520	20.872	ng/ul	99
42) 2-Chloronaphthalene	13.06	162	356296	20.839	ng/ul	98
43) 2-Nitroaniline	13.27	65	101628	20.243	ng/ul	99
45) Dimethylphthalate	13.66	163	449558	19.191	ng/ul	99
46) 2,6-Dinitrotoluene	13.77	165	88833	19.888	ng/ul	91
48) Acenaphthylene	13.92	152	522513	20.613	ng/ul	97
49) 3-Nitroaniline	14.10	138	74536	18.734	ng/ul	100
50) Acenaphthene	14.26	153	370807	20.369	ng/ul	97
51) 2,4-Dinitrophenol	14.32	184	62126	22.237	ng/ul	96
53) 4-Nitrophenol	14.43	109	70363	17.248	ng/ul	99
54) Dibenzofuran	14.60	168	551833	20.272	ng/ul	98
55) 2,4-Dinitrotoluene	14.57	165	134631	19.554	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.83	232	115799	18.945	ng/ul	98
57) Diethylphthalate	15.04	149	459536	18.813	ng/ul	100
59) Fluorene	15.25	166	462121	19.752	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.25	204	248421	19.402	ng/ul	99
61) 4-Nitroaniline	15.27	138	76902	16.653	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.33	198	68993	15.152	ng/ul#	95
65) N-Nitrosodiphenylamine	15.46	169	400692	21.621	ng/ul	99
66) 4-Bromophenyl-phenylether	16.14	248	160364	21.079	ng/ul	95
67) Hexachlorobenzene	16.26	284	189930	20.622	ng/ul	99
68) Atrazine	16.43	200	151266	18.841	ng/ul	99
69) Pentachlorophenol	16.60	266	69105	12.226	ng/ul	99
70) Phenanthrene	16.99	178	765918	20.350	ng/ul	99
72) Anthracene	17.07	178	780138	20.346	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	204593	23.651	ng/uL	98
74) Pentachlorobenzene	14.52	250	207001	21.699	ng/uL	98
75) Carbazole	17.34	167	654790	20.175	ng/ul	99
76) Di-n-butylphthalate	17.93	149	795530	19.737	ng/ul	99
77) Fluoranthene	19.01	202	921126	19.862	ng/ul	99
80) Pyrene	19.37	202	975539	21.287	ng/ul	98
81) Butylbenzylphthalate	20.30	149	366757	20.909	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.07	252	308533	18.545	ng/ul	99
83) Benzo(a)anthracene	21.13	228	997125	20.314	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	562579	20.586	ng/ul	99
85) Chrysene	21.18	228	971873	20.039	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	943823	18.375	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1061523	19.439	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	1038623	18.970	ng/ul	99
91) Benzo(a)pyrene	23.21	252	925599	18.167	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.46	276	1204424	18.007	ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	997723	17.636	ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	1007444	18.021	ng/ul	100

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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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