Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026455.D
Acq On : 18 Jun 2020 09:20
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Manual Integrations APPROVED
mohammad
6/19/2020 9:27:58 AM

Quant Time: Jun 18 10:13:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 17 16:26:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	108213	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	494615	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.05	164	336175	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	747785	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	668944	20.00	ng/ul	-0.01
86) Perylene-d12	23.11	264	543497	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	23390	7.58	ng/uL	0.00
5) Phenol-d5	6.59	99	195611	19.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	134438	21.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	147870	18.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	165316	21.07	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	76215	17.34	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.25	143	86420	17.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	163505	18.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	216097	23.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	532121	18.83	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	625518	18.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	84742	18.08	ng/ul	-0.01
58) Fluorene-d10	15.05	176	460217	18.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	91911	18.78	ng/ul	0.00
71) Anthracene-d10	16.90	188	708451	18.61	ng/ul	-0.01
79) Pyrene-d10	19.21	212	759899	20.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	563521	18.75	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	24220	7.080	ng/uL	97
4) Benzaldehyde	6.55	77	127774	22.310	ng/ul	99
6) Phenol	6.62	94	214914	19.687	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.83	93	167307	20.478	ng/ul	95
10) 2-Chlorophenol	6.96	128	159724	18.330	ng/ul	98
11) 2-Methylphenol	7.85	108	163775	20.641	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.93	45	318515	22.840	ng/ul	98
14) Acetophenone	8.21	105	274261	21.296	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.20	70	166059	21.580	ng/ul	96
16) 4-Methylphenol	8.17	108	183607	21.367	ng/ul	98
17) Hexachloroethane	8.45	117	68715	18.567	ng/ul	91
20) Nitrobenzene	8.57	77	226042	18.906	ng/ul	97
21) Isophorone	9.10	82	432726	19.562	ng/ul	99
23) 2-Nitrophenol	9.28	139	96859	17.996	ng/ul	94
24) 2,4-Dimethylphenol	9.36	107	215053	19.004	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.59	93	246663	19.240	ng/ul	98
27) 2,4-Dichlorophenol	9.81	162	166824	18.590	ng/ul	95
28) Naphthalene	10.20	128	547744	18.211	ng/ul	99
30) 4-Chloroaniline	10.32	127	225030	23.402	ng/ul	100
31) Hexachlorobutadiene	10.49	225	109212	18.421	ng/ul	99
32) Caprolactam	11.10	113	57891m	20.514	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	204314	19.582	ng/ul	100
34) 2-Methylnaphthalene	11.82	142	404679	19.144	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.05	142	380530	19.364	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	220446	17.947	ng/ul	99
38) Hexachlorocyclopentadiene	12.19	237	99276	16.175	ng/ul	95
39) 2,4,6-Trichlorophenol	12.46	196	142140	17.890	ng/ul	98
40) 2,4,5-Trichlorophenol	12.54	196	153380	17.890	ng/ul	97
41) 1,1'-Biphenyl	12.87	154	539989	18.101	ng/ul	99
42) 2-Chloronaphthalene	12.90	162	422771	18.417	ng/ul	98
43) 2-Nitroaniline	13.12	65	158140	19.117	ng/ul	99
45) Dimethylphthalate	13.52	163	549990	18.737	ng/ul	99
46) 2,6-Dinitrotoluene	13.64	165	115582	18.939	ng/ul	92
48) Acenaphthylene	13.76	152	663689	18.375	ng/ul	99
49) 3-Nitroaniline	13.97	138	107097	19.547	ng/ul	94
50) Acenaphthene	14.11	153	460005	18.457	ng/ul	97
51) 2,4-Dinitrophenol	14.19	184	53204	17.065	ng/ul	92
53) 4-Nitrophenol	14.30	109	80099	19.572	ng/ul	97
54) Dibenzofuran	14.45	168	655716	18.636	ng/ul	99
55) 2,4-Dinitrotoluene	14.44	165	169667	19.194	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.69	232	136483	18.639	ng/ul	99
57) Diethylphthalate	14.90	149	575306	19.382	ng/ul	98
59) Fluorene	15.10	166	552462	19.023	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.11	204	277342	18.882	ng/ul	96
61) 4-Nitroaniline	15.14	138	111120m	17.865	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.21	198	93231	18.541	ng/ul	96
65) N-Nitrosodiphenylamine	15.33	169	471536	18.354	ng/ul	99
66) 4-Bromophenyl-phenylether	16.00	248	174990	18.654	ng/ul	99
67) Hexachlorobenzene	16.12	284	194760	18.556	ng/ul	99
68) Atrazine	16.30	200	177110	20.229	ng/ul	98
69) Pentachlorophenol	16.47	266	93300	18.596	ng/ul	97
70) Phenanthrene	16.84	178	870860	18.568	ng/ul	99
72) Anthracene	16.93	178	902876	18.782	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	221388	17.489	ng/uL	99
74) Pentachlorobenzene	14.37	250	223902	18.402	ng/uL	99
75) Carbazole	17.22	167	768727	19.244	ng/ul	100
76) Di-n-butylphthalate	17.80	149	983539	18.812	ng/ul	99
77) Fluoranthene	18.87	202	989257	19.307	ng/ul	100
80) Pyrene	19.24	202	1027121	20.884	ng/ul	98
81) Butylbenzylphthalate	20.17	149	404415	19.315	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.94	252	282173	18.259	ng/ul	99
83) Benzo(a)anthracene	21.00	228	881971	18.508	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	580347	18.348	ng/ul	100
85) Chrysene	21.05	228	855023	18.483	ng/ul	99
87) Di-n-octyl phthalate	21.82	149	867890	22.245	ng/ul	100
88) Benzo(b)fluoranthene	22.50	252	743302	19.943	ng/ul	100
89) Benzo(k)fluoranthene	22.53	252	713716	19.908	ng/ul	99
91) Benzo(a)pyrene	23.02	252	624333	19.015	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	720363	16.738	ng/ul	99
93) Dibenzo(a,h)anthracene	25.15	278	606750	16.895	ng/ul	99
94) Benzo(g,h,i)perylene	25.76	276	596652	16.596	ng/ul	98

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

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