Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010821\
Data File : BM028346.D
Acq On : 08 Jan 2021 12:42
Operator : CG/JU
Sample : SSTD08004
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08004

Manual Integrations APPROVED
mohammad
1/11/2021 10:27:57 AM

Quant Time: Jan 08 13:14:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	34220	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	145646	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	86780	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	174575	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	135936	20.00	ng/ul	0.00
86) Perylene-d12	23.94	264	115605	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	25637	29.78	ng/uL	0.00
5) Phenol-d5	7.28	99	247274	85.79	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.45	67	145879	79.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	207338	85.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	203873	86.70	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	101715	89.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	112205	96.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	202174	85.88	ng/ul	0.01
29) 4-Chloroaniline-d4	11.09	131	247549	88.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.17	166	550364	82.32	ng/ul	0.00
47) Acenaphthylene-d8	14.46	160	712912	84.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	110382	90.80	ng/ul	0.02
58) Fluorene-d10	15.75	176	486829	81.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.87	200	101480	97.62	ng/ul	0.01
71) Anthracene-d10	17.59	188	715876	82.63	ng/ul	0.00
79) Pyrene-d10	19.85	212	711133	93.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.79	264	529211	83.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	26201	29.496	ng/uL	96
4) Benzaldehyde	7.26	77	122342	89.119	ng/ul	98
6) Phenol	7.31	94	246745	85.631	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.55	93	193052	80.732	ng/ul	99
10) 2-Chlorophenol	7.69	128	207509	83.634	ng/ul	99
11) 2-Methylphenol	8.57	108	188512	85.792	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.67	45	318733	78.158	ng/ul	99
14) Acetophenone	8.97	105	297634	84.360	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.97	70	149593	84.285	ng/ul	100
16) 4-Methylphenol	8.92	108	203926	86.409	ng/ul	96
17) Hexachloroethane	9.22	117	85988	81.548	ng/ul	100
20) Nitrobenzene	9.36	77	234715	83.065	ng/ul	99
21) Isophorone	9.89	82	416814	84.858	ng/ul	100
23) 2-Nitrophenol	10.07	139	118118	92.186	ng/ul	96
24) 2,4-Dimethylphenol	10.12	107	225901	83.112	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.36	93	262413	78.682	ng/ul	99
27) 2,4-Dichlorophenol	10.60	162	193409	84.463	ng/ul	100
28) Naphthalene	11.01	128	665301	80.553	ng/ul	99
30) 4-Chloroaniline	11.12	127	237631	88.352	ng/ul	100
31) Hexachlorobutadiene	11.28	225	118686	78.331	ng/ul	99
32) Caprolactam	11.92	113	62878m	95.618	ng/ul	
33) 4-Chloro-3-methylphenol	12.23	107	205927	85.562	ng/ul	98
34) 2-Methylnaphthalene	12.60	142	460429	81.861	ng/ul	99

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35) 1-Methylnaphthalene	12.82	142	537205	81.608	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.97	216	225471	79.274	ng/ul	99
38) Hexachlorocyclopentadiene	12.95	237	139018	80.677	ng/ul	97
39) 2,4,6-Trichlorophenol	13.20	196	151780	87.694	ng/ul	98
40) 2,4,5-Trichlorophenol	13.27	196	163960	87.513	ng/ul	98
41) 1,1'-Biphenyl	13.60	154	584913	79.981	ng/ul	100
42) 2-Chloronaphthalene	13.65	162	462302	80.780	ng/ul	100
43) 2-Nitroaniline	13.85	65	143187	93.514	ng/ul	99
45) Dimethylphthalate	14.22	163	555067	81.250	ng/ul	100
46) 2,6-Dinitrotoluene	14.35	165	124158	95.598	ng/ul	97
48) Acenaphthylene	14.49	152	708651	83.349	ng/ul	99
49) 3-Nitroaniline	14.67	138	113559	97.165	ng/ul	96
50) Acenaphthene	14.83	153	496885	81.425	ng/ul	99
51) 2,4-Dinitrophenol	14.87	184	75485	103.909	ng/ul	96
53) 4-Nitrophenol	14.97	109	81941	86.619	ng/ul	96
54) Dibenzofuran	15.16	168	670973	80.338	ng/ul	100
55) 2,4-Dinitrotoluene	15.12	165	172699	92.347	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.38	232	139127	89.402	ng/ul	99
57) Diethylphthalate	15.57	149	568570	81.834	ng/ul	99
59) Fluorene	15.80	166	566894	81.289	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.79	204	267574	78.747	ng/ul	99
61) 4-Nitroaniline	15.83	138	117803	98.118	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.89	198	106363	94.889	ng/ul	100
65) N-Nitrosodiphenylamine	16.00	169	469764	82.718	ng/ul	99
66) 4-Bromophenyl-phenylether	16.68	248	165864	82.998	ng/ul	98
67) Hexachlorobenzene	16.80	284	187000	81.824	ng/ul	98
68) Atrazine	16.94	200	164521	86.303	ng/ul	98
69) Pentachlorophenol	17.13	266	116435	90.291	ng/ul	98
70) Phenanthrene	17.53	178	857756	81.160	ng/ul	99
72) Anthracene	17.62	178	886928	82.466	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.57	216	222810	80.648	ng/uL	99
74) Pentachlorobenzene	15.08	250	216614	80.605	ng/uL	98
75) Carbazole	17.89	167	761545	84.884	ng/ul	100
76) Di-n-butylphthalate	18.43	149	953171	86.311	ng/ul	99
77) Fluoranthene	19.52	202	923132	82.757	ng/ul	99
80) Pyrene	19.88	202	936472	91.415	ng/ul	98
81) Butylbenzylphthalate	20.74	149	381476	99.208	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.52	252	235471	90.439	ng/ul	98
83) Benzo(a)anthracene	21.59	228	745258	81.793	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	508497	93.187	ng/ul	98
85) Chrysene	21.65	228	717204	80.092	ng/ul	99
87) Di-n-octyl phthalate	22.40	149	773951	92.982	ng/ul	100
88) Benzo(b)fluoranthene	23.24	252	638564	81.694	ng/ul	99
89) Benzo(k)fluoranthene	23.29	252	640666	82.642	ng/ul	99
91) Benzo(a)pyrene	23.84	252	580153	82.349	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.33	276	657422	81.710	ng/ul	98
93) Dibenzo(a,h)anthracene	26.34	278	553756	81.197	ng/ul	99
94) Benzo(g,h,i)perylene	27.07	276	558998	82.726	ng/ul	99

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

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