Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011621\
Data File : BM028410.D
Acq On : 15 Jan 2021 19:19
Operator : CG/JU
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01002

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1/18/2021 12:50:14 PM

Quant Time: Jan 15 22:12:19 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	26792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	108577	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	59952	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	118079	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	106059	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	109881	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	2566	3.95	ng/uL	0.00
5) Phenol-d5	7.23	99	23618	10.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	15185	10.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	20111	10.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	19117	9.84	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	9375	10.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	9948	10.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	18774	10.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	21954	9.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	47961	10.15	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	60864	10.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	8464	9.39	ng/ul	0.00
58) Fluorene-d10	15.71	176	41109	9.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	7092	9.10	ng/ul	0.00
71) Anthracene-d10	17.55	188	61149	10.18	ng/ul	0.00
79) Pyrene-d10	19.82	212	62673	9.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	63126	10.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	2595	3.866	ng/uL	85
4) Benzaldehyde	7.22	77	13834	12.716	ng/ul	95
6) Phenol	7.26	94	23409	9.942	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.50	93	19432	10.340	ng/ul	99
10) 2-Chlorophenol	7.65	128	20476	10.336	ng/ul	99
11) 2-Methylphenol	8.53	108	17875	9.977	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.62	45	33122m	10.585	ng/ul	
14) Acetophenone	8.92	105	28439	9.932	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.90	70	14261	9.949	ng/ul	99
16) 4-Methylphenol	8.86	108	19199	9.863	ng/ul	93
17) Hexachloroethane	9.18	117	9036	10.826	ng/ul	95
20) Nitrobenzene	9.30	77	22473	10.401	ng/ul	98
21) Isophorone	9.83	82	39184	10.468	ng/ul	98
23) 2-Nitrophenol	10.02	139	10631	10.314	ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	21032	10.233	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.31	93	25025	10.188	ng/ul	99
27) 2,4-Dichlorophenol	10.55	162	17994	10.250	ng/ul	98
28) Naphthalene	10.96	128	63569	10.188	ng/ul	99
30) 4-Chloroaniline	11.07	127	21351	9.960	ng/ul	98
31) Hexachlorobutadiene	11.23	225	11740	10.493	ng/ul	95
32) Caprolactam	11.83	113	5019	9.246	ng/ul	92
33) 4-Chloro-3-methylphenol	12.18	107	18199	9.747	ng/ul	96
34) 2-Methylnaphthalene	12.56	142	41949	9.760	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	49392	9.825	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	20865	10.626	ng/ul	96
38) Hexachlorocyclopentadiene	12.90	237	10210	9.164	ng/ul	93
39) 2,4,6-Trichlorophenol	13.16	196	13074	10.579	ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	14004	10.359	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	52787	10.428	ng/ul	99
42) 2-Chloronaphthalene	13.61	162	41702	10.444	ng/ul	98
43) 2-Nitroaniline	13.81	65	11423	10.053	ng/ul	95
45) Dimethylphthalate	14.17	163	49025	10.163	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	9432	9.705	ng/ul	93
48) Acenaphthylene	14.45	152	61071	10.166	ng/ul	100
49) 3-Nitroaniline	14.63	138	8771	9.767	ng/ul	98
50) Acenaphthene	14.79	153	43760	10.218	ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	4614	8.170	ng/ul	95
53) 4-Nitrophenol	14.92	109	6733	9.832	ng/ul	96
54) Dibenzofuran	15.12	168	58662	10.019	ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	13105	9.430	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.35	232	11471	10.158	ng/ul	98
57) Diethylphthalate	15.53	149	50181	10.273	ng/ul	99
59) Fluorene	15.77	166	48143	9.780	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	23865	10.074	ng/ul	97
61) 4-Nitroaniline	15.78	138	9398	10.089	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.84	198	7628	9.308	ng/ul	97
65) N-Nitrosodiphenylamine	15.97	169	39940	10.356	ng/ul	100
66) 4-Bromophenyl-phenylether	16.64	248	14096	10.382	ng/ul	97
67) Hexachlorobenzene	16.76	284	16122	10.243	ng/ul	99
68) Atrazine	16.90	200	13866	10.401	ng/ul	98
69) Pentachlorophenol	17.10	266	8796	9.686	ng/ul	94
70) Phenanthrene	17.49	178	73128	10.065	ng/ul	99
72) Anthracene	17.59	178	74490	10.016	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	20280	11.020	ng/uL	98
74) Pentachlorobenzene	15.04	250	19223	10.576	ng/uL	96
75) Carbazole	17.85	167	63553	10.129	ng/ul	99
76) Di-n-butylphthalate	18.39	149	84966	11.068	ng/ul	99
77) Fluoranthene	19.49	202	81051	10.379	ng/ul	99
80) Pyrene	19.84	202	82691	9.862	ng/ul	99
81) Butylbenzylphthalate	20.71	149	36195	11.223	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.49	252	24352	11.421	ng/ul	99
83) Benzo(a)anthracene	21.56	228	74710	10.312	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	55796	12.355	ng/ul	99
85) Chrysene	21.61	228	71892	10.175	ng/ul	99
87) Di-n-octyl phthalate	22.36	149	93336	10.832	ng/ul	100
88) Benzo(b)fluoranthene	23.19	252	73949	9.425	ng/ul	99
89) Benzo(k)fluoranthene	23.23	252	73614	9.690	ng/ul	99
91) Benzo(a)pyrene	23.79	252	70170	10.263	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.25	276	84207	11.632	ng/ul	99
93) Dibenzo(a,h)anthracene	26.26	278	70871	11.614	ng/ul	98
94) Benzo(g,h,i)perylene	26.98	276	70195	11.646	ng/ul	98

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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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