Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031420\
Data File : BM025571.D
Acq On : 14 Mar 2020 14:42
Operator : CG/JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08005

Manual Integrations APPROVED
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3/16/2020 1:53:33 PM

Quant Time: Mar 16 03:58:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 03:07:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	174386	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	718433	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	464397	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	995920	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	1037038	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1201901	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	122426	33.77	ng/uL	0.00
5) Phenol-d5	6.83	99	1098370	94.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	615632	94.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	924453	89.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	900457	92.12	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	448520	86.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	507134	82.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	970654	78.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	1109881	95.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	2753399	78.55	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	3419053	83.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	547002	96.03	ng/ul	0.01
58) Fluorene-d10	15.27	176	2421702	78.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	513863	79.16	ng/ul	0.01
71) Anthracene-d10	17.12	188	3714512	81.70	ng/ul	0.00
79) Pyrene-d10	19.42	212	4063461	78.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	5033506	83.39	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	129731	33.932	ng/uL	92
4) Benzaldehyde	6.79	77	623125	81.783	ng/ul	96
6) Phenol	6.85	94	1148284	94.170	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	884251	89.805	ng/ul	99
10) 2-Chlorophenol	7.22	128	953510	90.110	ng/ul	98
11) 2-Methylphenol	8.09	108	880096	92.987	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1174845	151.725	ng/ul	97
14) Acetophenone	8.46	105	1373412	89.159	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	704751	96.796	ng/ul	98
16) 4-Methylphenol	8.42	108	959557	93.900	ng/ul	99
17) Hexachloroethane	8.71	117	390882	81.922	ng/ul	96
20) Nitrobenzene	8.83	77	1050503	85.166	ng/ul	99
21) Isophorone	9.36	82	1980158	88.525	ng/ul	99
23) 2-Nitrophenol	9.53	139	542989	82.184	ng/ul	97
24) 2,4-Dimethylphenol	9.60	107	1055550	85.517	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	1221190	87.037	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	951374	77.793	ng/ul	99
28) Naphthalene	10.46	128	3082451	83.973	ng/ul	100
30) 4-Chloroaniline	10.57	127	1116702	96.589	ng/ul	100
31) Hexachlorobutadiene	10.76	225	588402	57.922	ng/ul	99
32) Caprolactam	11.35	113	308618m	96.269	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	997768	87.930	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	2224278	82.260	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	2200031	81.584 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	1155510	70.362 ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	820797	70.876 ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	774267	76.597 ng/ul	98
40) 2,4,5-Trichlorophenol	12.77	196	831891	78.739 ng/ul	99
41) 1,1'-Biphenyl	13.10	154	2899665	84.581 ng/ul	99
42) 2-Chloronaphthalene	13.14	162	2296424	82.040 ng/ul	100
43) 2-Nitroaniline	13.34	65	639083	108.276 ng/ul	97
45) Dimethylphthalate	13.74	163	2850362	77.945 ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	626789	84.762 ng/ul	94
48) Acenaphthylene	13.99	152	3640613	85.854 ng/ul	99
49) 3-Nitroaniline	14.18	138	541374	97.196 ng/ul	99
50) Acenaphthene	14.34	153	2450232	85.561 ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	380563	84.477 ng/ul	99
53) 4-Nitrophenol	14.50	109	414303	89.057 ng/ul	98
54) Dibenzofuran	14.67	168	3408456	79.846 ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	892792	84.596 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.90	232	765644	74.164 ng/ul	99
57) Diethylphthalate	15.12	149	2926740	80.886 ng/ul	99
59) Fluorene	15.33	166	2911186	82.748 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	1470723	72.605 ng/ul	98
61) 4-Nitroaniline	15.35	138	636698	92.304 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	551857	79.422 ng/ul#	97
65) N-Nitrosodiphenylamine	15.54	169	2450219	88.076 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	987355	79.120 ng/ul	98
67) Hexachlorobenzene	16.33	284	1186510	80.450 ng/ul	98
68) Atrazine	16.50	200	926295	77.494 ng/ul	99
69) Pentachlorophenol	16.67	266	722693	81.891 ng/ul	99
70) Phenanthrene	17.06	178	4591284	84.550 ng/ul	100
72) Anthracene	17.15	178	4721896	85.741 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	1225419	74.934 ng/uL	98
74) Pentachlorobenzene	14.60	250	1346063	77.562 ng/uL	100
75) Carbazole	17.42	167	4090309	89.152 ng/ul	99
76) Di-n-butylphthalate	18.00	149	5075168	86.940 ng/ul	99
77) Fluoranthene	19.08	202	5413333	81.206 ng/ul	99
80) Pyrene	19.44	202	5554896	80.923 ng/ul	99
81) Butylbenzylphthalate	20.36	149	2342409	91.229 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.13	252	2016447	83.183 ng/ul	99
83) Benzo(a)anthracene	21.20	228	5420218	77.593 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	3555999	87.495 ng/ul#	99
85) Chrysene	21.25	228	5215338	75.835 ng/ul	100
87) Di-n-octyl phthalate	22.01	149	5986184	83.345 ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	6116012	80.024 ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	5825247	79.188 ng/ul	100
91) Benzo(a)pyrene	23.30	252	5494549	80.190 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	7237161	84.841 ng/ul	97
93) Dibenzo(a,h)anthracene	25.59	278	6136122	84.426 ng/ul	100
94) Benzo(g,h,i)perylene	26.23	276	5957849	83.976 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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