Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029366.D
Acq On : 07 Apr 2021 11:27
Operator : CG/JU
Sample : SSTD04001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04001

Manual Integrations APPROVED
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Quant Time: Apr 07 12:02:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 11:34:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	93224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	377491	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	220328	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	445992	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	447928	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	446291	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	38070	18.39	ng/uL	0.00
5) Phenol-d5	6.86	99	306765	45.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	191521	49.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	238678	39.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	237161	43.76	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	106608	39.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	117042	38.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	229352	40.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	287056	44.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	624301	41.22	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	811699	39.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	118533	44.98	ng/ul	0.00
58) Fluorene-d10	15.32	176	533040	40.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	98259	36.95	ng/ul	0.00
71) Anthracene-d10	17.17	188	804296	39.67	ng/ul	0.00
79) Pyrene-d10	19.46	212	851258	38.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	919519	40.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	40054	19.196	ng/uL	96
4) Benzaldehyde	6.84	77	185612	55.436	ng/ul	98
6) Phenol	6.89	94	325312	46.523	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	243455	44.928	ng/ul	96
10) 2-Chlorophenol	7.26	128	251852	40.909	ng/ul	98
11) 2-Methylphenol	8.13	108	229562	43.498	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	359002	42.850	ng/ul	99
14) Acetophenone	8.51	105	381483	43.218	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	214939	55.030	ng/ul	97
16) 4-Methylphenol	8.46	108	252673	45.004	ng/ul	98
17) Hexachloroethane	8.76	117	110633	42.036	ng/ul	96
20) Nitrobenzene	8.89	77	318936	50.028	ng/ul	98
21) Isophorone	9.42	82	540646	50.232	ng/ul	100
23) 2-Nitrophenol	9.59	139	131433	38.496	ng/ul	96
24) 2,4-Dimethylphenol	9.66	107	283375	43.143	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	318929	45.296	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	228501	40.644	ng/ul	99
28) Naphthalene	10.52	128	765132	39.730	ng/ul	99
30) 4-Chloroaniline	10.63	127	298361	45.980	ng/ul	99
31) Hexachlorobutadiene	10.81	225	134038	36.561	ng/ul	98
32) Caprolactam	11.41	113	67473m	44.862	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	245990	43.415	ng/ul	96
34) 2-Methylnaphthalene	12.14	142	535294	40.668	ng/ul	98

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35) 1-Methylnaphthalene	12.36	142	520764	41.100 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	249114	36.298 ng/ul	96
38) Hexachlorocyclopentadiene	12.49	237	158702	59.827 ng/ul	100
39) 2,4,6-Trichlorophenol	12.75	196	166035	38.285 ng/ul	97
40) 2,4,5-Trichlorophenol	12.83	196	178000	38.499 ng/ul	99
41) 1,1'-Biphenyl	13.16	154	679075	39.535 ng/ul	99
42) 2-Chloronaphthalene	13.20	162	531783	39.263 ng/ul	99
43) 2-Nitroaniline	13.40	65	178670	50.934 ng/ul	96
45) Dimethylphthalate	13.79	163	642682	40.679 ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	130285	41.873 ng/ul	98
48) Acenaphthylene	14.05	152	786907	40.807 ng/ul	98
49) 3-Nitroaniline	14.23	138	127194	42.016 ng/ul	96
50) Acenaphthene	14.39	153	571296	40.930 ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	69007	39.526 ng/ul	97
53) 4-Nitrophenol	14.55	109	116839	49.950 ng/ul	96
54) Dibenzofuran	14.73	168	775304	40.119 ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	187138	41.426 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.96	232	141910	39.658 ng/ul	94
57) Diethylphthalate	15.16	149	676177	42.334 ng/ul	99
59) Fluorene	15.38	166	663795	41.889 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	303196	38.762 ng/ul	98
61) 4-Nitroaniline	15.40	138	141707	45.433 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	101079	37.458 ng/ul#	94
65) N-Nitrosodiphenylamine	15.59	169	553467	40.396 ng/ul	100
66) 4-Bromophenyl-phenylether	16.27	248	167123	36.818 ng/ul	95
67) Hexachlorobenzene	16.38	284	186249	36.534 ng/ul	91
68) Atrazine	16.54	200	197868	41.045 ng/ul	99
69) Pentachlorophenol	16.72	266	108362	39.584 ng/ul	95
70) Phenanthrene	17.11	178	984901	40.287 ng/ul	100
72) Anthracene	17.20	178	1029431	40.860 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	244805	34.984 ng/uL	99
74) Pentachlorobenzene	14.64	250	228613	35.469 ng/uL	99
75) Carbazole	17.47	167	916547	41.187 ng/ul	100
76) Di-n-butylphthalate	18.04	149	1137018	42.502 ng/ul	99
77) Fluoranthene	19.13	202	1095227	41.088 ng/ul	99
80) Pyrene	19.49	202	1158971	39.498 ng/ul	100
81) Butylbenzylphthalate	20.39	149	517263	40.655 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.16	252	382037	42.291 ng/ul	100
83) Benzo(a)anthracene	21.23	228	1108811	39.610 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	842140	44.308 ng/ul	99
85) Chrysene	21.28	228	1069726	39.391 ng/ul	99
87) Di-n-octyl phthalate	22.04	149	1396418	41.223 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	1150200	39.662 ng/ul	100
89) Benzo(k)fluoranthene	22.83	252	1070665	39.562 ng/ul	99
91) Benzo(a)pyrene	23.36	252	995736	39.531 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.68	276	1301372	40.870 ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	1094653	40.278 ng/ul	99
94) Benzo(g,h,i)perylene	26.36	276	1054854	39.660 ng/ul	99

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

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