Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029369.D
Acq On : 07 Apr 2021 13:35
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV07

Manual Integrations APPROVED
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Quant Time: Apr 07 14:26:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 13:16:43 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	84586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	340998	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	206477	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	397787	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	399550	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	405417	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	19120	8.63	ng/uL	0.00
5) Phenol-d5	6.86	99	146083	20.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	95566	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	114069	21.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	112565	20.61	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	51113	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	55083	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	108772	21.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	142448	23.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	306779	20.75	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	389214	20.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	53077	19.57	ng/ul	0.00
58) Fluorene-d10	15.32	176	250635	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	43032	19.03	ng/ul	0.00
71) Anthracene-d10	17.17	188	383375	21.20	ng/ul	0.00
79) Pyrene-d10	19.46	212	404455	21.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	433881	20.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	18799	8.084	ng/uL	96
4) Benzaldehyde	6.84	77	99474m	25.354	ng/ul	
6) Phenol	6.89	94	154083	20.380	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.12	93	119298	20.817	ng/ul	98
10) 2-Chlorophenol	7.26	128	121603	21.170	ng/ul	97
11) 2-Methylphenol	8.13	108	111770	20.831	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	177600	21.074	ng/ul	100
14) Acetophenone	8.51	105	185922	20.822	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.50	70	103368	21.707	ng/ul	98
16) 4-Methylphenol	8.46	108	121975	20.850	ng/ul	99
17) Hexachloroethane	8.76	117	52382	20.967	ng/ul	96
20) Nitrobenzene	8.89	77	152630	21.284	ng/ul	100
21) Isophorone	9.41	82	256412	21.699	ng/ul	99
23) 2-Nitrophenol	9.59	139	63221	22.313	ng/ul	96
24) 2,4-Dimethylphenol	9.65	107	137653	21.111	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	152325	20.960	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	109260	21.561	ng/ul	99
28) Naphthalene	10.52	128	376437	21.175	ng/ul	99
30) 4-Chloroaniline	10.63	127	147568	23.059	ng/ul	96
31) Hexachlorobutadiene	10.81	225	65922	21.022	ng/ul	98
32) Caprolactam	11.40	113	31852m	21.278	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	117284	21.958	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	260977	21.281	ng/ul	97

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35) 1-Methylnaphthalene	12.36	142	251872	21.100	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	120547	20.369	ng/ul	95
38) Hexachlorocyclopentadiene	12.49	237	73027	19.147	ng/ul	98
39) 2,4,6-Trichlorophenol	12.75	196	79756	21.452	ng/ul	98
40) 2,4,5-Trichlorophenol	12.82	196	84217	20.903	ng/ul	96
41) 1,1'-Biphenyl	13.16	154	332045	20.427	ng/ul	98
42) 2-Chloronaphthalene	13.20	162	254430	20.402	ng/ul	98
43) 2-Nitroaniline	13.40	65	82790	21.570	ng/ul	94
45) Dimethylphthalate	13.79	163	319117	20.990	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	61072	21.808	ng/ul	98
48) Acenaphthylene	14.05	152	378193	20.725	ng/ul	99
49) 3-Nitroaniline	14.23	138	63860	22.151	ng/ul	100
50) Acenaphthene	14.39	153	278093	20.457	ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	30763	18.307	ng/ul	96
53) 4-Nitrophenol	14.54	109	55769	20.475	ng/ul	96
54) Dibenzofuran	14.73	168	378952	20.404	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	89868	21.830	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.96	232	68870	21.835	ng/ul	91
57) Diethylphthalate	15.16	149	334403	21.441	ng/ul	99
59) Fluorene	15.37	166	317975	20.357	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.37	204	149002	20.352	ng/ul	100
61) 4-Nitroaniline	15.39	138	68781	20.960	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.45	198	48488	20.592	ng/ul	97
65) N-Nitrosodiphenylamine	15.59	169	273807	21.691	ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	83955	22.097	ng/ul	96
67) Hexachlorobenzene	16.37	284	93406	21.718	ng/ul	93
68) Atrazine	16.54	200	93788	20.715	ng/ul	98
69) Pentachlorophenol	16.72	266	51380	20.399	ng/ul	97
70) Phenanthrene	17.11	178	489745	21.385	ng/ul	98
72) Anthracene	17.20	178	509738	21.688	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	118930	20.895	ng/uL	98
74) Pentachlorobenzene	14.65	250	111051	21.122	ng/uL	98
75) Carbazole	17.47	167	453145	21.292	ng/ul	99
76) Di-n-butylphthalate	18.04	149	552183	22.520	ng/ul	99
77) Fluoranthene	19.12	202	543655	20.973	ng/ul	100
80) Pyrene	19.49	202	578946	21.880	ng/ul	99
81) Butylbenzylphthalate	20.39	149	247307	23.139	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.17	252	185642	21.629	ng/ul	98
83) Benzo(a)anthracene	21.23	228	545980	21.672	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	404536	23.204	ng/ul#	97
85) Chrysene	21.28	228	531759	21.587	ng/ul	100
87) Di-n-octyl phthalate	22.04	149	668148	20.890	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	562836	21.566	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	548566	21.406	ng/ul	99
91) Benzo(a)pyrene	23.36	252	502292	21.694	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.69	276	649034	21.419	ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	542962	21.324	ng/ul	99
94) Benzo(g,h,i)perylene	26.36	276	524916	21.328	ng/ul	99

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

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