Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029975.D
Acq On : 12 May 2021 11:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020034

Manual Integrations APPROVED
mohammad
5/12/2021 2:08:41 PM

Quant Time: May 12 12:02:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	203047	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.32	136	898000	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	568300	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	1050897	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	915938	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	882789	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	38648	7.60	ng/uL	0.00
4) Pyridine-d5	3.47	84	226989	17.83	ng/ul	-0.01
7) Phenol-d5	6.73	99	341653	18.09	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	223025	19.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	284339	19.51	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	279983	17.93	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	127368	20.58	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.42	143	147531	21.12	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	279195	19.93	ng/ul	0.00
31) 4-Chloroaniline-d4	10.46	131	374650	17.58	ng/ul	-0.01
46) Dimethylphthalate-d6	13.61	166	804506	18.26	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	1064402	19.07	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.42	143	109302	15.23	ng/ul	0.00
60) Fluorene-d10	15.19	176	685056	18.32	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.33	200	119572	17.52	ng/ul	0.00
73) Anthracene-d10	17.04	188	1007334	19.04	ng/ul	0.00
81) Pyrene-d10	19.33	212	1003324	21.35	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	963324	19.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	42078	7.647	ng/uL	94
5) Pyridine	3.49	79	238443	18.262	ng/ul	100
6) Benzaldehyde	6.70	77	212124	21.763	ng/ul	98
8) Phenol	6.76	94	344367	17.863	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.98	93	280958	18.432	ng/ul	98
12) 2-Chlorophenol	7.11	128	285332	19.198	ng/ul	97
13) 2-Methylphenol	7.99	108	264347	18.098	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.07	45	486328	21.181	ng/ul	95
16) Acetophenone	8.37	105	454062	18.119	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.36	70	259790	20.261	ng/ul	95
18) 4-Methylphenol	8.32	108	291095	17.977	ng/ul	100
19) Hexachloroethane	8.60	117	124215	19.781	ng/ul	96
22) Nitrobenzene	8.74	77	348186	21.593	ng/ul	95
23) Isophorone	9.26	82	663810	19.462	ng/ul	99
25) 2-Nitrophenol	9.45	139	158178	20.859	ng/ul	96
26) 2,4-Dimethylphenol	9.51	107	335991	19.636	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.75	93	395508	19.798	ng/ul	98
29) 2,4-Dichlorophenol	9.97	162	269035	19.560	ng/ul	96
30) Naphthalene	10.36	128	943201	18.923	ng/ul	100
32) 4-Chloroaniline	10.49	127	386701	17.611	ng/ul	99
33) Hexachlorobutadiene	10.65	225	177883	19.289	ng/ul	98
34) Caprolactam	11.28	113	73758m	15.110	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	291687	19.163	ng/ul	100
36) 2-Methylnaphthalene	11.99	142	678471	18.764	ng/ul	99
37) 1-Methylnaphthalene	12.21	142	667944	18.641	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	344043	19.591	ng/ul	99
40) Hexachlorocyclopentadiene	12.34	237	169629	18.595	ng/ul	100
41) 2,4,6-Trichlorophenol	12.62	196	214886	20.066	ng/ul	99
42) 2,4,5-Trichlorophenol	12.69	196	222412	19.624	ng/ul	98
43) 1,1'-Biphenyl	13.02	154	853887	19.329	ng/ul	98
44) 2-Chloronaphthalene	13.06	162	656012	19.350	ng/ul	99
45) 2-Nitroaniline	13.28	65	199664	23.301	ng/ul	95
47) Dimethylphthalate	13.66	163	811462	18.397	ng/ul	99
48) 2,6-Dinitrotoluene	13.78	165	161648	20.415	ng/ul	98
50) Acenaphthylene	13.91	152	1018538	18.866	ng/ul	99
51) 3-Nitroaniline	14.12	138	157435	17.699	ng/ul	97
52) Acenaphthene	14.26	153	719276	18.851	ng/ul	100
53) 2,4-Dinitrophenol	14.33	184	98960	18.369	ng/ul	92
55) 4-Nitrophenol	14.44	109	110286	19.992	ng/ul	98
56) Dibenzofuran	14.59	168	971677	18.593	ng/ul	98
57) 2,4-Dinitrotoluene	14.58	165	224824	19.188	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.83	232	193663	17.944	ng/ul	99
59) Diethylphthalate	15.03	149	832157	18.089	ng/ul	99
61) Fluorene	15.24	166	813528	18.209	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.24	204	398134	18.136	ng/ul	98
63) 4-Nitroaniline	15.29	138	151226m	17.151	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	118207	17.596	ng/ul#	98
67) N-Nitrosodiphenylamine	15.46	169	684475	20.050	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	234832	20.076	ng/ul	98
69) Hexachlorobenzene	16.24	284	266815	19.208	ng/ul	95
70) Atrazine	16.42	200	224574	17.830	ng/ul	99
71) Pentachlorophenol	16.60	266	153495	19.285	ng/ul	98
72) Phenanthrene	16.98	178	1169930	18.880	ng/ul	99
74) Anthracene	17.07	178	1201773	18.970	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.98	216	360029	21.658	ng/uL	99
76) Pentachlorobenzene	14.52	250	326022	20.565	ng/uL	99
77) Carbazole	17.35	167	1010343	17.406	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1335990	19.392	ng/ul	100
80) Fluoranthene	19.00	202	1245651	21.783	ng/ul	97
82) Pyrene	19.36	202	1292464	21.477	ng/ul	99
83) Butylbenzylphthalate	20.27	149	531216	24.839	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.05	252	352284	16.906	ng/ul	98
85) Benzo(a)anthracene	21.11	228	1165843	19.509	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.05	149	830252	22.515	ng/ul	99
87) Chrysene	21.16	228	1129108	18.970	ng/ul	100
89) Di-n-octyl phthalate	21.90	149	1355451	20.065	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1121788	19.590	ng/ul	99
91) Benzo(k)fluoranthene	22.68	252	1141831	18.967	ng/ul	100
93) Benzo(a)pyrene	23.19	252	1001931	19.266	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.42	276	1291961	20.525	ng/ul	100
95) Dibenzo(a,h)anthracene	25.43	278	1077309	20.191	ng/ul	100
96) Benzo(g,h,i)perylene	26.07	276	1051690	20.621	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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