Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051521\
Data File : BM030041.D
Acq On : 15 May 2021 09:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020039

Manual Integrations APPROVED
mohammad
5/17/2021 11:21:32 AM

Quant Time: May 15 10:01:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 15 09:59:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	141879	20.00	ng/ul	0.00
20) Naphthalene-d8	10.30	136	646774	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.18	164	438619	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.93	188	914187	20.00	ng/ul	0.00
79) Chrysene-d12	21.12	240	877811	20.00	ng/ul	0.00
88) Perylene-d12	23.26	264	773765	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	26681	7.51	ng/uL	0.00
4) Pyridine-d5	3.46	84	148906	16.74	ng/ul	0.00
7) Phenol-d5	6.72	99	232114	17.59	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.88	67	152052	18.58	ng/ul	0.00
11) 2-Chlorophenol-d4	7.06	132	189393	18.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.25	113	192224	17.62	ng/ul	0.00
21) Nitrobenzene-d5	8.69	128	86284	19.36	ng/ul	0.00
24) 2-Nitrophenol-d4	9.40	143	96366	19.16	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.93	165	192451	19.08	ng/ul	0.00
31) 4-Chloroaniline-d4	10.45	131	265675	17.31	ng/ul	0.00
46) Dimethylphthalate-d6	13.60	166	626790	18.44	ng/ul	0.00
49) Acenaphthylene-d8	13.87	160	791704	18.38	ng/ul	0.00
54) 4-Nitrophenol-d4	14.41	143	82491	14.90	ng/ul	0.00
60) Fluorene-d10	15.17	176	530576	18.38	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.32	200	99222	16.71	ng/ul	0.00
73) Anthracene-d10	17.03	188	829110	18.01	ng/ul	0.00
81) Pyrene-d10	19.32	212	920949	20.45	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.13	264	812324	18.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	29107	7.571	ng/uL	96
5) Pyridine	3.49	79	160245	17.564	ng/ul	94
6) Benzaldehyde	6.69	77	138029m	20.266	ng/ul	
8) Phenol	6.75	94	237035	17.596	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.97	93	183462	17.225	ng/ul	95
12) 2-Chlorophenol	7.10	128	193527	18.635	ng/ul	95
13) 2-Methylphenol	7.98	108	180654	17.700	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.06	45	351383	21.901	ng/ul	96
16) Acetophenone	8.36	105	315866	18.038	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.34	70	183809	20.516	ng/ul	95
18) 4-Methylphenol	8.31	108	198312	17.527	ng/ul	100
19) Hexachloroethane	8.59	117	83196	18.961	ng/ul	96
22) Nitrobenzene	8.73	77	241348	20.781	ng/ul	95
23) Isophorone	9.25	82	476118	19.382	ng/ul	98
25) 2-Nitrophenol	9.43	139	107947	19.765	ng/ul	96
26) 2,4-Dimethylphenol	9.50	107	236447	19.186	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.73	93	277125	19.261	ng/ul	99
29) 2,4-Dichlorophenol	9.96	162	185996	18.775	ng/ul	95
30) Naphthalene	10.35	128	658673	18.348	ng/ul	99
32) 4-Chloroaniline	10.47	127	262296	16.585	ng/ul	100
33) Hexachlorobutadiene	10.63	225	121297	18.262	ng/ul	97
34) Caprolactam	11.26	113	57355m	16.314	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.61	107	215179	19.628	ng/ul	97
36) 2-Methylnaphthalene	11.97	142	483596	18.570	ng/ul	99
37) 1-Methylnaphthalene	12.19	142	480647	18.624	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.35	216	245431	18.108	ng/ul	99
40) Hexachlorocyclopentadiene	12.32	237	104608	14.858	ng/ul	97
41) 2,4,6-Trichlorophenol	12.60	196	155192	18.777	ng/ul	98
42) 2,4,5-Trichlorophenol	12.68	196	162320	18.556	ng/ul	96
43) 1,1'-Biphenyl	13.00	154	628837	18.443	ng/ul	97
44) 2-Chloronaphthalene	13.05	162	483788	18.489	ng/ul	99
45) 2-Nitroaniline	13.27	65	149809	22.651	ng/ul	93
47) Dimethylphthalate	13.65	163	629962	18.505	ng/ul	99
48) 2,6-Dinitrotoluene	13.77	165	121934	19.953	ng/ul	99
50) Acenaphthylene	13.90	152	760664	18.255	ng/ul	99
51) 3-Nitroaniline	14.10	138	115791	16.866	ng/ul	97
52) Acenaphthene	14.24	153	539288	18.313	ng/ul	100
53) 2,4-Dinitrophenol	14.32	184	69254	16.656	ng/ul	91
55) 4-Nitrophenol	14.43	109	86416	20.297	ng/ul	96
56) Dibenzofuran	14.58	168	738592	18.312	ng/ul	95
57) 2,4-Dinitrotoluene	14.57	165	181289	20.047	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.82	232	153845	18.469	ng/ul	98
59) Diethylphthalate	15.02	149	671536	18.913	ng/ul	99
61) Fluorene	15.23	166	634370	18.397	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.23	204	312701	18.455	ng/ul	99
63) 4-Nitroaniline	15.27	138	112984m	16.602	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.33	198	97977	16.765	ng/ul	99
67) N-Nitrosodiphenylamine	15.45	169	546041	18.387	ng/ul	98
68) 4-Bromophenyl-phenylether	16.13	248	183437	18.027	ng/ul	98
69) Hexachlorobenzene	16.23	284	216836	17.944	ng/ul	94
70) Atrazine	16.41	200	192366	17.557	ng/ul	99
71) Pentachlorophenol	16.59	266	125238	18.087	ng/ul	99
72) Phenanthrene	16.97	178	986432	18.300	ng/ul	100
74) Anthracene	17.06	178	1002224	18.186	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.97	216	260502	18.014	ng/uL	99
76) Pentachlorobenzene	14.50	250	247428	17.942	ng/uL	98
77) Carbazole	17.34	167	867521	17.181	ng/ul	99
78) Di-n-butylphthalate	17.90	149	1136064	18.956	ng/ul	100
80) Fluoranthene	18.99	202	1125145	20.530	ng/ul	99
82) Pyrene	19.35	202	1187136	20.583	ng/ul	99
83) Butylbenzylphthalate	20.27	149	489444	23.879	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.04	252	303879	15.216	ng/ul	100
85) Benzo(a)anthracene	21.10	228	1075286	18.775	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.04	149	758321	21.458	ng/ul	99
87) Chrysene	21.15	228	1064307	18.658	ng/ul	100
89) Di-n-octyl phthalate	21.90	149	1226034	20.706	ng/ul	100
90) Benzo(b)fluoranthene	22.63	252	990760	19.740	ng/ul	100
91) Benzo(k)fluoranthene	22.67	252	986286	18.691	ng/ul	99
93) Benzo(a)pyrene	23.17	252	855184	18.761	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.40	276	991281	17.967	ng/ul	99
95) Dibenzo(a,h)anthracene	25.41	278	822076	17.578	ng/ul	99
96) Benzo(g,h,i)perylene	26.06	276	797962	17.851	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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