Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034559.D
Acq On : 08 Apr 2022 12:02
Operator : CG/JU
Sample : SSTD04007
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 13:22:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 13:18:10 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040014

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	113852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.689	136	459885	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	269950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	537080	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.447	240	541787	20.000	ng/ul	# 0.00
88) Perylene-d12	23.830	264	540598	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	49554	18.999	ng/uL	0.00
4) Pyridine-d5	3.678	84	318375	51.270	ng/ul	0.00
7) Phenol-d5	7.036	99	381556	50.080	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	257126	57.526	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	308912	46.915	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	300893	46.176	ng/ul	0.00
21) Nitrobenzene-d5	9.042	128	147490m	44.711	ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	158651	43.372	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	285301	38.906	ng/ul	0.00
31) 4-Chloroaniline-d4	10.824	131	367874	40.339	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	791484	40.296	ng/ul	0.00
49) Acenaphthylene-d8	14.218	160	1040640	41.713	ng/ul	0.00
54) 4-Nitrophenol-d4	14.718	143	128640	42.046	ng/ul	0.00
60) Fluorene-d10	15.518	176	684673	39.820	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	133102	39.170	ng/ul	0.00
73) Anthracene-d10	17.365	188	1040758	41.027	ng/ul	0.00
81) Pyrene-d10	19.659	212	1205517	40.871	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.671	264	1178008	44.169	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	48841	18.900	ng/uL#	82
5) Pyridine	3.696	79	341312	53.036	ng/ul#	79
6) Benzaldehyde	7.007	77	248263	62.609	ng/ul	90
8) Phenol	7.066	94	387227	51.509	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.295	93	310206	49.497	ng/ul#	88
12) 2-Chlorophenol	7.436	128	314534	47.346	ng/ul#	86
13) 2-Methylphenol	8.325	108	288212	47.908	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.419	45	457022	79.080	ng/ul#	86
16) Acetophenone	8.701	105	463765	45.326	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.695	70	254546	52.872	ng/ul#	87
18) 4-Methylphenol	8.654	108	304865	47.006	ng/ul	98
19) Hexachloroethane	8.966	117	137293	45.823	ng/ul	84
22) Nitrobenzene	9.083	77	373154	52.118	ng/ul	92
23) Isophorone	9.613	82	656780	48.535	ng/ul#	93
25) 2-Nitrophenol	9.801	139	166710	44.507	ng/ul	91
26) 2,4-Dimethylphenol	9.860	107	345449	44.636	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.095	93	395637	47.527	ng/ul	99
29) 2,4-Dichlorophenol	10.336	162	275693	38.958	ng/ul	96
30) Naphthalene	10.736	128	959055	41.758	ng/ul	98
32) 4-Chloroaniline	10.848	127	369788	40.769	ng/ul	98
33) Hexachlorobutadiene	11.030	225	183577	31.396	ng/ul	98
34) Caprolactam	11.613	113	88052m	44.475	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	294842	44.913	ng/ul	92
36) 2-Methylnaphthalene	12.354	142	632405	40.095	ng/ul	98

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37) 1-Methylnaphthalene	12.571	142	638626	39.642	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	328187	35.237	ng/ul#	97
40) Hexachlorocyclopentadiene	12.707	237	207601	31.244	ng/ul	98
41) 2,4,6-Trichlorophenol	12.960	196	210330	38.540	ng/ul	96
42) 2,4,5-Trichlorophenol	13.036	196	220980	37.362	ng/ul	100
43) 1,1'-Biphenyl	13.360	154	827212	41.253	ng/ul#	98
44) 2-Chloronaphthalene	13.401	162	637374	40.214	ng/ul	96
45) 2-Nitroaniline	13.607	65	200675	63.836	ng/ul	86
47) Dimethylphthalate	13.983	163	770458	40.179	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	163350	43.689	ng/ul	91
50) Acenaphthylene	14.248	152	1044611	42.743	ng/ul	99
51) 3-Nitroaniline	14.430	138	149489	45.917	ng/ul	86
52) Acenaphthene	14.589	153	681005	42.484	ng/ul	100
53) 2,4-Dinitrophenol	14.636	184	85068	34.993	ng/ul#	80
55) 4-Nitrophenol	14.736	109	112496	44.182	ng/ul#	82
56) Dibenzofuran	14.924	168	936463	40.338	ng/ul	94
57) 2,4-Dinitrotoluene	14.889	165	230270	44.757	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.154	232	193037	38.174	ng/ul#	90
59) Diethylphthalate	15.348	149	790484	43.145	ng/ul	99
61) Fluorene	15.571	166	791519	41.924	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.565	204	375659	36.699	ng/ul	92
63) 4-Nitroaniline	15.589	138	135188	49.053	ng/ul#	93
66) 4,6-Dinitro-2-methylph...	15.654	198	133461	40.181	ng/ul#	91
67) N-Nitrosodiphenylamine	15.777	169	663536	42.716	ng/ul	99
68) 4-Bromophenyl-phenylether	16.459	248	224100	37.035	ng/ul#	92
69) Hexachlorobenzene	16.577	284	266887	35.359	ng/ul#	91
70) Atrazine	16.730	200	242090	39.555	ng/ul	98
71) Pentachlorophenol	16.924	266	166594	36.694	ng/ul	99
72) Phenanthrene	17.312	178	1207190	42.216	ng/ul	99
74) Anthracene	17.401	178	1227226	43.243	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.330	216	336640	35.449	ng/uL	99
76) Pentachlorobenzene	14.848	250	315927	35.365	ng/uL	99
77) Carbazole	17.671	167	1020006	44.227	ng/ul	98
78) Di-n-butylphthalate	18.242	149	1306411	47.376	ng/ul	99
80) Fluoranthene	19.324	202	1370789	40.845	ng/ul#	89
82) Pyrene	19.689	202	1445549	41.506	ng/ul#	88
83) Butylbenzylphthalate	20.583	149	597775	51.275	ng/ul#	84
84) 3,3'-Dichlorobenzidine	21.365	252	425790	39.643	ng/ul#	97
85) Benzo(a)anthracene	21.430	228	1323223	41.790	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.365	149	887448	51.181	ng/ul	97
87) Chrysene	21.483	228	1387074	40.690	ng/ul	99
89) Di-n-octyl phthalate	22.277	149	1503447	51.902	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	1390780	43.882	ng/ul#	98
91) Benzo(k)fluoranthene	23.147	252	1398747	43.299	ng/ul#	97
93) Benzo(a)pyrene	23.724	252	1378061	43.594	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.312	276	1547705	44.778	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.323	278	1285041	44.376	ng/ul#	96
96) Benzo(g,h,i)perylene	27.070	276	1411846	43.925	ng/ul#	95

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

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