Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037837.D
Acq On : 02 Dec 2022 20:08
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 21:50:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020061

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	235103	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	1106365	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	750966	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	1551222	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1182338	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	909765	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	38962	7.775	ng/uL	0.00
4) Pyridine-d5	3.863	84	323220	19.943	ng/ul	0.00
7) Phenol-d5	7.251	99	418054	19.737	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	255337	20.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	338886	21.161	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	341102	20.250	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	181566	20.659	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	200582	22.056	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	363606	21.559	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	525450	20.312	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	1062019	20.595	ng/ul	0.00
49) Acenaphthylene-d8	14.421	160	1271055	20.267	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	198686	18.563	ng/ul	0.00
60) Fluorene-d10	15.709	176	956271	20.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	171107	20.940	ng/ul	0.00
73) Anthracene-d10	17.562	188	1475145	20.678	ng/ul	0.00
81) Pyrene-d10	19.844	212	1546878	25.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	951330	20.873	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	42168	7.852	ng/uL#	83
5) Pyridine	3.887	79	319397	20.099	ng/ul	96
6) Benzaldehyde	7.228	77	222469	21.808	ng/ul	99
8) Phenol	7.275	94	430440	19.885	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.510	93	348813	20.199	ng/ul	98
12) 2-Chlorophenol	7.657	128	359740	20.870	ng/ul	99
13) 2-Methylphenol	8.539	108	343997	19.927	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.628	45	692614	21.585	ng/ul	99
16) Acetophenone	8.928	105	560734	21.103	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.916	70	289435	21.626	ng/ul	94
18) 4-Methylphenol	8.875	108	379830	20.393	ng/ul	96
19) Hexachloroethane	9.186	117	146865	22.306	ng/ul	95
22) Nitrobenzene	9.310	77	404026	21.936	ng/ul	96
23) Isophorone	9.839	82	823084	20.771	ng/ul	99
25) 2-Nitrophenol	10.027	139	219828	22.306	ng/ul	99
26) 2,4-Dimethylphenol	10.080	107	415320	21.923	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.322	93	491686	20.548	ng/ul	98
29) 2,4-Dichlorophenol	10.563	162	373622	21.901	ng/ul	99
30) Naphthalene	10.969	128	1254424	20.891	ng/ul	100
32) 4-Chloroaniline	11.080	127	530487	20.264	ng/ul	98
33) Hexachlorobutadiene	11.251	225	238776	22.596	ng/ul	98
34) Caprolactam	11.869	113	115583m	18.658	ng/ul	
35) 4-Chloro-3-methylphenol	12.192	107	385217	21.638	ng/ul	99
36) 2-Methylnaphthalene	12.563	142	864671	20.815	ng/ul	99

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37) 1-Methylnaphthalene	12.786	142	870540	20.938	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.927	216	461719	21.468	ng/ul	100
40) Hexachlorocyclopentadiene	12.904	237	264814	22.391	ng/ul	99
41) 2,4,6-Trichlorophenol	13.168	196	312120	22.230	ng/ul	100
42) 2,4,5-Trichlorophenol	13.239	196	335012	22.403	ng/ul	100
43) 1,1'-Biphenyl	13.563	154	1140924	20.901	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	899704	21.004	ng/ul	98
45) 2-Nitroaniline	13.810	65	265701	21.922	ng/ul	91
47) Dimethylphthalate	14.180	163	1118631	20.827	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	228287	20.817	ng/ul	97
50) Acenaphthylene	14.451	152	1422685	20.460	ng/ul	99
51) 3-Nitroaniline	14.627	138	241656	18.462	ng/ul	96
52) Acenaphthene	14.786	153	990092	20.549	ng/ul	98
53) 2,4-Dinitrophenol	14.833	184	122810	19.175	ng/ul	90
55) 4-Nitrophenol	14.933	109	141714	21.480	ng/ul	93
56) Dibenzofuran	15.121	168	1350957	20.825	ng/ul	97
57) 2,4-Dinitrotoluene	15.080	165	326161	21.296	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.345	232	295734	22.484	ng/ul	97
59) Diethylphthalate	15.533	149	1141645	20.726	ng/ul	99
61) Fluorene	15.768	166	1142480	20.920	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	563658	21.649	ng/ul	100
63) 4-Nitroaniline	15.786	138	242668	18.429	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.839	198	180987	21.486	ng/ul	97
67) N-Nitrosodiphenylamine	15.968	169	949284	21.235	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	342991	21.547	ng/ul	98
69) Hexachlorobenzene	16.768	284	417584	22.464	ng/ul	99
70) Atrazine	16.915	200	320069	20.790	ng/ul	99
71) Pentachlorophenol	17.109	266	247876	21.681	ng/ul	99
72) Phenanthrene	17.503	178	1735355	20.641	ng/ul	99
74) Anthracene	17.598	178	1801174	21.001	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.533	216	466469	22.303	ng/uL	95
76) Pentachlorobenzene	15.039	250	519045	22.810	ng/uL	98
77) Carbazole	17.862	167	1595565	20.216	ng/ul	99
78) Di-n-butylphthalate	18.415	149	2008407	20.240	ng/ul	99
80) Fluoranthene	19.509	202	1905186	25.468	ng/ul	96
82) Pyrene	19.874	202	1973242	25.547	ng/ul	96
83) Butylbenzylphthalate	20.750	149	806073	23.935	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.538	252	467171	18.861	ng/ul	98
85) Benzo(a)anthracene	21.615	228	1596451	21.104	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.521	149	1114910	21.909	ng/ul	98
87) Chrysene	21.668	228	1468753	20.858	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	1653167	25.250	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	1297377	22.206	ng/ul	98
91) Benzo(k)fluoranthene	23.403	252	1237733	21.961	ng/ul	98
93) Benzo(a)pyrene	24.009	252	1065893	21.038	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.721	276	1226940	21.540	ng/ul	95
95) Dibenzo(a,h)anthracene	26.738	278	1111105	21.432	ng/ul	98
96) Benzo(g,h,i)perylene	27.526	276	1081962	21.766	ng/ul	96

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

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