Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
Data File : BM036525.D
Acq On : 08 Sep 2022 10:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 08 12:16:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020170

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/09/2022
Supervised By :mohammad ahmed 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	224166	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1050867	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.368	164	616877	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1365337	20.000	ng/ul	0.00
79) Chrysene-d12	21.303	240	1176630	20.000	ng/ul	0.00
88) Perylene-d12	23.591	264	939647	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	36932	6.279	ng/uL	0.00
4) Pyridine-d5	3.552	84	268421	16.548	ng/ul	0.00
7) Phenol-d5	6.898	99	299547	15.655	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	198435	16.476	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	255804	17.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.445	113	273528	19.145	ng/ul	0.00
21) Nitrobenzene-d5	8.892	128	144084	18.084	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	150095	18.572	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	275863	19.103	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	420531	18.785	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	718996	18.423	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	889625	18.277	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	135956	18.385	ng/ul	0.00
60) Fluorene-d10	15.363	176	725030	20.559	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	116768	16.635	ng/ul	0.00
73) Anthracene-d10	17.215	188	1106602	18.228	ng/ul	0.00
81) Pyrene-d10	19.509	212	1190331	19.502	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.444	264	840338	18.240	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	39097	6.311	ng/uL	100
5) Pyridine	3.575	79	272214	16.246	ng/ul	96
6) Benzaldehyde	6.869	77	163595	20.814	ng/ul	93
8) Phenol	6.928	94	315155	15.842	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.157	93	259159	16.287	ng/ul	98
12) 2-Chlorophenol	7.281	128	269405	17.137	ng/ul	97
13) 2-Methylphenol	8.175	108	271069	18.485	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.257	45	432649	20.323	ng/ul	99
16) Acetophenone	8.551	105	452717	19.701	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.539	70	240055	20.989	ng/ul	98
18) 4-Methylphenol	8.510	108	302715	19.284	ng/ul	97
19) Hexachloroethane	8.787	117	120773	18.362	ng/ul	86
22) Nitrobenzene	8.934	77	342519	18.143	ng/ul	97
23) Isophorone	9.457	82	654036	19.509	ng/ul	96
25) 2-Nitrophenol	9.639	139	167755	18.631	ng/ul	96
26) 2,4-Dimethylphenol	9.704	107	335921	18.655	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.945	93	411293	18.845	ng/ul	100
29) 2,4-Dichlorophenol	10.175	162	276556	18.719	ng/ul	99
30) Naphthalene	10.569	128	989959	17.949	ng/ul	99
32) 4-Chloroaniline	10.692	127	422732	18.565	ng/ul	99
33) Hexachlorobutadiene	10.839	225	171131	18.437	ng/ul	99
34) Caprolactam	11.480	113	73199	16.536	ng/ul	92
35) 4-Chloro-3-methylphenol	11.828	107	262205	17.553	ng/ul	99
36) 2-Methylnaphthalene	12.186	142	584741	16.897	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	598475	17.172	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.557	216	286005	16.774	ng/ul	98
40) Hexachlorocyclopentadiene	12.527	237	169319	16.739	ng/ul	97
41) 2,4,6-Trichlorophenol	12.804	196	190768	17.781	ng/ul	99
42) 2,4,5-Trichlorophenol	12.880	196	202945	17.833	ng/ul	100
43) 1,1'-Biphenyl	13.204	154	787416	16.972	ng/ul	99
44) 2-Chloronaphthalene	13.245	162	595596	16.729	ng/ul	98
45) 2-Nitroaniline	13.469	65	183883	19.074	ng/ul	94
47) Dimethylphthalate	13.839	163	742630	18.486	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	149880	19.774	ng/ul#	87
50) Acenaphthylene	14.092	152	1043382	18.177	ng/ul	99
51) 3-Nitroaniline	14.298	138	156993	18.940	ng/ul	100
52) Acenaphthene	14.433	153	691307	18.478	ng/ul	98
53) 2,4-Dinitrophenol	14.510	184	72992	17.671	ng/ul	93
55) 4-Nitrophenol	14.616	109	116044	19.861	ng/ul	82
56) Dibenzofuran	14.768	168	1039089	20.016	ng/ul	96
57) 2,4-Dinitrotoluene	14.757	165	239194	22.252	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.004	232	188392	21.802	ng/ul#	93
59) Diethylphthalate	15.204	149	865116	21.847	ng/ul	99
61) Fluorene	15.421	166	855350	20.773	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.421	204	406506	21.134	ng/ul	98
63) 4-Nitroaniline	15.463	138	166093m	21.480	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.515	198	119630	16.856	ng/ul	92
67) N-Nitrosodiphenylamine	15.639	169	708330	18.147	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	228856	18.102	ng/ul	95
69) Hexachlorobenzene	16.415	284	275278	17.968	ng/ul	95
70) Atrazine	16.592	200	246290	18.466	ng/ul	96
71) Pentachlorophenol	16.768	266	161955	19.174	ng/ul	97
72) Phenanthrene	17.157	178	1301179	18.128	ng/ul	99
74) Anthracene	17.251	178	1325161	18.415	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	295107	14.405	ng/uL	98
76) Pentachlorobenzene	14.686	250	332855	17.401	ng/uL	99
77) Carbazole	17.527	167	1199343	17.801	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1506613	20.445	ng/ul	99
80) Fluoranthene	19.180	202	1458452	19.772	ng/ul	97
82) Pyrene	19.539	202	1507481	19.583	ng/ul	99
83) Butylbenzylphthalate	20.450	149	633484	21.997	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.233	252	423113	17.463	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1286354	18.192	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	951204	23.923	ng/ul	98
87) Chrysene	21.345	228	1229803	17.701	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	1437951	25.743	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	1106675	19.317	ng/ul	98
91) Benzo(k)fluoranthene	22.944	252	1042546	19.128	ng/ul	98
93) Benzo(a)pyrene	23.491	252	1018976	18.080	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.956	276	1029191	15.532	ng/ul	96
95) Dibenzo(a,h)anthracene	25.968	278	892795	15.641	ng/ul	97
96) Benzo(g,h,i)perylene	26.679	276	863861	15.245	ng/ul	96

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

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