Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081922\
Data File : BM036352.D
Acq On : 19 Aug 2022 10:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 02:16:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020154

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	257359	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	1195012	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	710324	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1284027	20.000	ng/ul	-0.01
79) Chrysene-d12	21.362	240	1033964	20.000	ng/ul	-0.01
88) Perylene-d12	23.691	264	1015276	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	46748	6.923	ng/uL	0.00
4) Pyridine-d5	3.628	84	341119	18.318	ng/ul	-0.01
7) Phenol-d5	6.975	99	420214	19.129	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.133	67	280642	20.296	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	341542	19.788	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	334548	20.396	ng/ul	-0.01
21) Nitrobenzene-d5	8.963	128	175435	19.363	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.686	143	179864	19.571	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	329687	20.077	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.745	131	494721	19.433	ng/ul	-0.01
46) Dimethylphthalate-d6	13.857	166	907171	20.187	ng/ul	-0.01
49) Acenaphthylene-d8	14.133	160	1106881	19.748	ng/ul	0.00
54) 4-Nitrophenol-d4	14.662	143	137628	16.163	ng/ul	-0.02
60) Fluorene-d10	15.427	176	788600	19.420	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.562	200	111548	16.898	ng/ul	0.00
73) Anthracene-d10	17.280	188	1102104	19.303	ng/ul	0.00
81) Pyrene-d10	19.574	212	1095773	20.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.538	264	968959	19.465	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	50822	7.145	ng/uL	92
5) Pyridine	3.651	79	346055	17.989	ng/ul	90
6) Benzaldehyde	6.939	77	203840	22.590	ng/ul	91
8) Phenol	6.998	94	439478	19.242	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.228	93	366259	20.049	ng/ul	98
12) 2-Chlorophenol	7.357	128	356358	19.744	ng/ul	99
13) 2-Methylphenol	8.251	108	334537	19.870	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.333	45	517747	21.184	ng/ul	98
16) Acetophenone	8.627	105	560053	21.229	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.610	70	294341	22.416	ng/ul	96
18) 4-Methylphenol	8.580	108	370161	20.540	ng/ul	98
19) Hexachloroethane	8.869	117	147876	19.583	ng/ul	92
22) Nitrobenzene	9.004	77	425768	19.833	ng/ul	97
23) Isophorone	9.533	82	790631	20.739	ng/ul	97
25) 2-Nitrophenol	9.716	139	203654	19.890	ng/ul	97
26) 2,4-Dimethylphenol	9.780	107	407457	19.899	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.016	93	504838	20.341	ng/ul	100
29) 2,4-Dichlorophenol	10.251	162	336280	20.016	ng/ul	98
30) Naphthalene	10.645	128	1208862	19.274	ng/ul	100
32) 4-Chloroaniline	10.769	127	500536	19.330	ng/ul	98
33) Hexachlorobutadiene	10.921	225	205247	19.446	ng/ul	98
34) Caprolactam	11.557	113	92719	18.419	ng/ul	95
35) 4-Chloro-3-methylphenol	11.898	107	346287	20.385	ng/ul	99
36) 2-Methylnaphthalene	12.257	142	794614	20.192	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	809450	20.424	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.627	216	380228	19.367	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	172416	14.803	ng/ul	97
41) 2,4,6-Trichlorophenol	12.874	196	246295	19.936	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	257330	19.637	ng/ul	98
43) 1,1'-Biphenyl	13.274	154	1054814	19.744	ng/ul	99
44) 2-Chloronaphthalene	13.315	162	793891	19.365	ng/ul	99
45) 2-Nitroaniline	13.533	65	215545	19.417	ng/ul	96
47) Dimethylphthalate	13.904	163	929204	20.088	ng/ul	100
48) 2,6-Dinitrotoluene	14.027	165	179479	20.564	ng/ul#	85
50) Acenaphthylene	14.162	152	1293285	19.567	ng/ul	99
51) 3-Nitroaniline	14.362	138	168999	17.706	ng/ul	99
52) Acenaphthene	14.504	153	837148	19.432	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	69119	14.532	ng/ul	95
55) 4-Nitrophenol	14.680	109	109696	16.305	ng/ul	85
56) Dibenzofuran	14.839	168	1166978	19.522	ng/ul	99
57) 2,4-Dinitrotoluene	14.815	165	247038	19.958	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.068	232	196492	19.748	ng/ul	92
59) Diethylphthalate	15.262	149	938272	20.577	ng/ul	99
61) Fluorene	15.486	166	931066	19.637	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	443729	20.035	ng/ul	99
63) 4-Nitroaniline	15.521	138	150501m	16.903	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	116511	17.457	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	748328	20.385	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	246622	20.743	ng/ul	97
69) Hexachlorobenzene	16.480	284	285643	19.825	ng/ul	96
70) Atrazine	16.656	200	247224	19.710	ng/ul	97
71) Pentachlorophenol	16.839	266	139365	17.545	ng/ul	99
72) Phenanthrene	17.221	178	1308930	19.391	ng/ul	99
74) Anthracene	17.315	178	1327667	19.619	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	389453	20.214	ng/uL	98
76) Pentachlorobenzene	14.751	250	365756	20.332	ng/uL	99
77) Carbazole	17.592	167	1158372	18.282	ng/ul	99
78) Di-n-butylphthalate	18.150	149	1442379	20.812	ng/ul	99
80) Fluoranthene	19.239	202	1346332	20.770	ng/ul	99
82) Pyrene	19.603	202	1386520	20.497	ng/ul	98
83) Butylbenzylphthalate	20.503	149	538068	21.262	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.285	252	401877	18.875	ng/ul	98
85) Benzo(a)anthracene	21.350	228	1219317	19.624	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	788344	22.563	ng/ul	98
87) Chrysene	21.403	228	1177668	19.289	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1264185	20.946	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1212021	19.580	ng/ul	98
91) Benzo(k)fluoranthene	23.027	252	1150108	19.529	ng/ul	98
93) Benzo(a)pyrene	23.585	252	1189908	19.540	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.097	276	1352709	18.893	ng/ul	95
95) Dibenzo(a,h)anthracene	26.115	278	1173708	19.030	ng/ul	96
96) Benzo(g,h,i)perylene	26.844	276	1137141	18.573	ng/ul	97

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

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