Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
Data File : BM036361.D
Acq On : 22 Aug 2022 12:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 23 00:59:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 00:55:01 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020156

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/23/2022
Supervised By :Sohil Jodhani 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	279738	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1350932	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	852790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1673691	20.000	ng/ul	0.00
79) Chrysene-d12	21.362	240	1218611	20.000	ng/ul	0.00
88) Perylene-d12	23.691	264	1101416	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	52016	7.087	ng/uL	0.00
4) Pyridine-d5	3.628	84	379900	18.768	ng/ul	0.00
7) Phenol-d5	6.975	99	454518	19.035	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	311422	20.720	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	361492	19.268	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	362102	20.310	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	185087	18.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.680	143	172356	16.590	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	341572	18.400	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	576135	20.019	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1075411	19.933	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1317705	19.582	ng/ul	0.00
54) 4-Nitrophenol-d4	14.662	143	153937	15.058	ng/ul	0.00
60) Fluorene-d10	15.427	176	977824	20.057	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	115675	13.443	ng/ul	0.00
73) Anthracene-d10	17.280	188	1439609	19.344	ng/ul	0.00
81) Pyrene-d10	19.574	212	1430874	22.635	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.538	264	1044379	19.340	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	55456	7.173	ng/uL	96
5) Pyridine	3.651	79	395756	18.927	ng/ul	93
6) Benzaldehyde	6.939	77	232593	23.714	ng/ul	90
8) Phenol	6.998	94	489399	19.713	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.228	93	408172	20.556	ng/ul	99
12) 2-Chlorophenol	7.357	128	382086	19.476	ng/ul	99
13) 2-Methylphenol	8.251	108	372185	20.338	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.333	45	610289m	22.972	ng/ul	
16) Acetophenone	8.628	105	630330	21.982	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.610	70	333870	23.393	ng/ul	98
18) 4-Methylphenol	8.581	108	406540	20.753	ng/ul	98
19) Hexachloroethane	8.863	117	160766	19.587	ng/ul	87
22) Nitrobenzene	9.004	77	469170	19.332	ng/ul	96
23) Isophorone	9.533	82	921645	21.385	ng/ul	97
25) 2-Nitrophenol	9.716	139	203650	17.594	ng/ul	97
26) 2,4-Dimethylphenol	9.780	107	453094	19.574	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.016	93	574228	20.466	ng/ul	99
29) 2,4-Dichlorophenol	10.251	162	360945	19.004	ng/ul	98
30) Naphthalene	10.645	128	1375768	19.403	ng/ul	99
32) 4-Chloroaniline	10.769	127	591741	20.215	ng/ul	98
33) Hexachlorobutadiene	10.916	225	225195	18.873	ng/ul	99
34) Caprolactam	11.557	113	115968m	20.378	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	390785	20.349	ng/ul	100
36) 2-Methylnaphthalene	12.257	142	916665	20.605	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.474	142	929235	20.741	ng/ul#	98
39)	1,2,4,5-Tetrachloroben...	12.621	216	432410	18.345	ng/ul	98
40)	Hexachlorocyclopentadiene	12.598	237	236756	16.931	ng/ul	97
41)	2,4,6-Trichlorophenol	12.874	196	255920	17.254	ng/ul	96
42)	2,4,5-Trichlorophenol	12.951	196	275809	17.531	ng/ul	99
43)	1,1'-Biphenyl	13.274	154	1231515	19.201	ng/ul	99
44)	2-Chloronaphthalene	13.316	162	924767	18.789	ng/ul	99
45)	2-Nitroaniline	13.533	65	262340	19.684	ng/ul	93
47)	Dimethylphthalate	13.904	163	1115941	20.094	ng/ul	100
48)	2,6-Dinitrotoluene	14.027	165	201788	19.258	ng/ul#	83
50)	Acenaphthylene	14.157	152	1545562	19.477	ng/ul	99
51)	3-Nitroaniline	14.363	138	202753	17.694	ng/ul#	96
52)	Acenaphthene	14.498	153	1003245	19.397	ng/ul	98
53)	2,4-Dinitrophenol	14.574	184	76859	13.460	ng/ul	92
55)	4-Nitrophenol	14.674	109	129386	16.019	ng/ul	87
56)	Dibenzofuran	14.833	168	1384286	19.289	ng/ul	96
57)	2,4-Dinitrotoluene	14.815	165	292302	19.670	ng/ul#	91
58)	2,3,4,6-Tetrachlorophenol	15.068	232	216382	18.114	ng/ul	95
59)	Diethylphthalate	15.262	149	1151820	21.040	ng/ul	100
61)	Fluorene	15.486	166	1132366	19.893	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.480	204	529823	19.926	ng/ul	98
63)	4-Nitroaniline	15.521	138	187669m	17.557	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.574	198	125194	14.390	ng/ul#	86
67)	N-Nitrosodiphenylamine	15.698	169	930547	19.447	ng/ul	98
68)	4-Bromophenyl-phenylether	16.374	248	307029	19.811	ng/ul	96
69)	Hexachlorobenzene	16.480	284	358388	19.083	ng/ul	96
70)	Atrazine	16.656	200	316564	19.363	ng/ul	98
71)	Pentachlorophenol	16.833	266	159540	15.409	ng/ul	99
72)	Phenanthrene	17.221	178	1693680	19.249	ng/ul	99
74)	Anthracene	17.315	178	1721720	19.518	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.233	216	449383	17.895	ng/uL	98
76)	Pentachlorobenzene	14.751	250	432394	18.440	ng/uL	99
77)	Carbazole	17.592	167	1518455	18.385	ng/ul	99
78)	Di-n-butylphthalate	18.151	149	1941956	21.497	ng/ul	99
80)	Fluoranthene	19.239	202	1770090	23.170	ng/ul	99
82)	Pyrene	19.603	202	1787149	22.417	ng/ul	98
83)	Butylbenzylphthalate	20.503	149	721499	24.191	ng/ul	91
84)	3,3'-Dichlorobenzidine	21.286	252	435170	17.342	ng/ul	99
85)	Benzo(a)anthracene	21.350	228	1433115	19.570	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.280	149	1057624	25.683	ng/ul	98
87)	Chrysene	21.403	228	1395734	19.397	ng/ul	100
89)	Di-n-octyl phthalate	22.180	149	1556773	23.777	ng/ul	100
90)	Benzo(b)fluoranthene	22.980	252	1319528	19.650	ng/ul	98
91)	Benzo(k)fluoranthene	23.027	252	1276954	19.987	ng/ul	98
93)	Benzo(a)pyrene	23.585	252	1286899	19.480	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.103	276	1398431	18.004	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.115	278	1203262	17.983	ng/ul	99
96)	Benzo(g,h,i)perylene	26.838	276	1183920	17.824	ng/ul	97

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

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