Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036749.D
Acq On : 26 Sep 2022 17:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 26 23:14:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020190

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	362144	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1587860	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	951803	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1826254	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1451571	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1185114	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	68800	7.122	ng/uL	0.00
4) Pyridine-d5	3.816	84	518371	18.399	ng/ul	0.00
7) Phenol-d5	7.163	99	623170	19.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	387731	19.728	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	475008	20.387	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	487387	20.382	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	239143	22.251	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	225461	23.420	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	460354	20.635	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	696738	18.784	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1251442	19.495	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	1497806	19.671	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	211972	17.025	ng/ul	0.00
60) Fluorene-d10	15.615	176	1120350	19.475	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	137934	19.090	ng/ul	0.00
73) Anthracene-d10	17.468	188	1635918	19.592	ng/ul	0.00
81) Pyrene-d10	19.750	212	1691092	23.681	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	1146920	19.809	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	75013	7.208	ng/uL	97
5) Pyridine	3.834	79	517119	18.269	ng/ul	96
6) Benzaldehyde	7.139	77	360048m	22.975	ng/ul	
8) Phenol	7.187	94	672884	19.372	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	530088	19.615	ng/ul	99
12) 2-Chlorophenol	7.563	128	521218	20.680	ng/ul	98
13) 2-Methylphenol	8.445	108	502504	19.682	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.539	45	644098	20.109	ng/ul	98
16) Acetophenone	8.833	105	828112	19.965	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	415152	20.743	ng/ul	96
18) 4-Methylphenol	8.775	108	553885	20.063	ng/ul	98
19) Hexachloroethane	9.092	117	203672	19.951	ng/ul	96
22) Nitrobenzene	9.216	77	614954	21.551	ng/ul	98
23) Isophorone	9.745	82	1119197	19.236	ng/ul	100
25) 2-Nitrophenol	9.928	139	265736	22.349	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	594475	20.271	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.227	93	705308	20.338	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	477955	20.378	ng/ul	99
30) Naphthalene	10.869	128	1731750	20.020	ng/ul	100
32) 4-Chloroaniline	10.975	127	719488	18.788	ng/ul	99
33) Hexachlorobutadiene	11.151	225	273078	19.037	ng/ul	99
34) Caprolactam	11.763	113	136967	18.003	ng/ul	99
35) 4-Chloro-3-methylphenol	12.092	107	518096	20.011	ng/ul	99
36) 2-Methylnaphthalene	12.469	142	1139005	19.763	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.686	142	1138639	19.653	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.833	216	542833	20.150	ng/ul	99
40)	Hexachlorocyclopentadiene	12.810	237	238495	16.987	ng/ul	99
41)	2,4,6-Trichlorophenol	13.068	196	343003	20.794	ng/ul	96
42)	2,4,5-Trichlorophenol	13.139	196	373157	21.100	ng/ul	99
43)	1,1'-Biphenyl	13.468	154	1439151	20.512	ng/ul	99
44)	2-Chloronaphthalene	13.510	162	1117950	20.305	ng/ul	99
45)	2-Nitroaniline	13.716	65	316223	23.335	ng/ul	97
47)	Dimethylphthalate	14.092	163	1323942	19.443	ng/ul	99
48)	2,6-Dinitrotoluene	14.210	165	244325	22.069	ng/ul	98
50)	Acenaphthylene	14.351	152	1735781	19.939	ng/ul	100
51)	3-Nitroaniline	14.533	138	265147	19.969	ng/ul#	99
52)	Acenaphthene	14.692	153	1229011	20.177	ng/ul	99
53)	2,4-Dinitrophenol	14.739	184	96039	19.550	ng/ul	98
55)	4-Nitrophenol	14.833	109	185838	17.460	ng/ul	99
56)	Dibenzofuran	15.027	168	1633093	19.963	ng/ul	98
57)	2,4-Dinitrotoluene	14.986	165	351116	21.816	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.251	232	292114	19.732	ng/ul	99
59)	Diethylphthalate	15.445	149	1323282	19.412	ng/ul	99
61)	Fluorene	15.674	166	1383437	19.856	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.668	204	645773	19.381	ng/ul	99
63)	4-Nitroaniline	15.692	138	244286	18.936	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.745	198	152533	18.707	ng/ul	96
67)	N-Nitrosodiphenylamine	15.880	169	1110297	20.642	ng/ul	100
68)	4-Bromophenyl-phenylether	16.556	248	323190	17.955	ng/ul	97
69)	Hexachlorobenzene	16.668	284	399563	18.767	ng/ul	95
70)	Atrazine	16.833	200	356112	18.762	ng/ul	99
71)	Pentachlorophenol	17.015	266	215674	17.054	ng/ul	97
72)	Phenanthrene	17.409	178	2026644	20.147	ng/ul	99
74)	Anthracene	17.503	178	2048854	20.039	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.433	216	539185	21.586	ng/uL	99
76)	Pentachlorobenzene	14.945	250	554206	20.514	ng/uL	99
77)	Carbazole	17.768	167	1790220	18.911	ng/ul	100
78)	Di-n-butylphthalate	18.333	149	2176298	20.283	ng/ul	99
80)	Fluoranthene	19.415	202	2119178	24.217	ng/ul	99
82)	Pyrene	19.780	202	2233497	24.112	ng/ul	99
83)	Butylbenzylphthalate	20.674	149	849738	24.209	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.450	252	548067	19.323	ng/ul	98
85)	Benzo(a)anthracene	21.521	228	1846044	20.298	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.450	149	1321644	25.777	ng/ul	99
87)	Chrysene	21.574	228	1720113	19.925	ng/ul	100
89)	Di-n-octyl phthalate	22.386	149	1944193	27.212	ng/ul	100
90)	Benzo(b)fluoranthene	23.227	252	1583298	21.068	ng/ul	99
91)	Benzo(k)fluoranthene	23.274	252	1538753	20.491	ng/ul	98
93)	Benzo(a)pyrene	23.862	252	1328124	20.103	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.503	276	1403931	18.197	ng/ul	95
95)	Dibenzo(a,h)anthracene	26.521	278	1257290	17.969	ng/ul	98
96)	Benzo(g,h,i)perylene	27.279	276	1220847	18.253	ng/ul	98

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

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