Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036705.D
Acq On : 24 Sep 2022 08:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020186

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
Supervised By :mohammad ahmed 09/26/2022

Quant Time: Sep 26 01:09:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 00:41:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	388457	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1735641	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.633	164	1078959	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2118623	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1615558	20.000	ng/ul	-0.01
88) Perylene-d12	23.968	264	1394857	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	76784	7.410	ng/uL	0.00
4) Pyridine-d5	3.816	84	593816	19.649	ng/ul	0.00
7) Phenol-d5	7.163	99	736424	21.214	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	451939	21.437	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	573528	22.948	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	582076	22.693	ng/ul	-0.01
21) Nitrobenzene-d5	9.175	128	291023	24.773	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	285665	27.148	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	565620	23.194	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.957	131	856060	21.114	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1581675	21.735	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	1901856	22.033	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	288332	20.428	ng/ul	-0.01
60) Fluorene-d10	15.621	176	1420785	21.787	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	181496	21.653	ng/ul	0.00
73) Anthracene-d10	17.468	188	2110617	21.788	ng/ul	0.00
81) Pyrene-d10	19.750	212	2147464	27.019	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	1524129	22.365	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	83136	7.448	ng/uL	94
5) Pyridine	3.834	79	581494	19.152	ng/ul	94
6) Benzaldehyde	7.139	77	417334m	24.826	ng/ul	
8) Phenol	7.192	94	793421	21.295	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	633666	21.859	ng/ul	99
12) 2-Chlorophenol	7.569	128	619247	22.905	ng/ul	98
13) 2-Methylphenol	8.451	108	597400	21.814	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.545	45	735654	21.411	ng/ul	98
16) Acetophenone	8.833	105	992801	22.314	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	487695	22.717	ng/ul	96
18) 4-Methylphenol	8.781	108	666446	22.505	ng/ul	98
19) Hexachloroethane	9.092	117	241088	22.016	ng/ul	97
22) Nitrobenzene	9.216	77	728945	23.371	ng/ul	98
23) Isophorone	9.745	82	1348635	21.206	ng/ul	100
25) 2-Nitrophenol	9.928	139	335031	25.778	ng/ul	98
26) 2,4-Dimethylphenol	9.986	107	719105	22.433	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	842402	22.223	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	590911	23.049	ng/ul	100
30) Naphthalene	10.869	128	2076687	21.964	ng/ul	100
32) 4-Chloroaniline	10.980	127	878961	20.998	ng/ul	100
33) Hexachlorobutadiene	11.151	225	336345	21.451	ng/ul	99
34) Caprolactam	11.763	113	175484m	21.102	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	647323	22.874	ng/ul	100
36) 2-Methylnaphthalene	12.469	142	1382981	21.953	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.686	142	1390116	21.950	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.833	216	668381	21.886	ng/ul	98
40)	Hexachlorocyclopentadiene	12.816	237	249780	15.694	ng/ul	96
41)	2,4,6-Trichlorophenol	13.074	196	441365	23.604	ng/ul	100
42)	2,4,5-Trichlorophenol	13.139	196	481597	24.023	ng/ul	98
43)	1,1'-Biphenyl	13.474	154	1784628	22.438	ng/ul	99
44)	2-Chloronaphthalene	13.516	162	1398866	22.413	ng/ul	99
45)	2-Nitroaniline	13.716	65	392849	25.573	ng/ul	98
47)	Dimethylphthalate	14.092	163	1693123	21.934	ng/ul	99
48)	2,6-Dinitrotoluene	14.210	165	322576	25.703	ng/ul	96
50)	Acenaphthylene	14.357	152	2173697	22.026	ng/ul	100
51)	3-Nitroaniline	14.539	138	359551	23.888	ng/ul#	93
52)	Acenaphthene	14.698	153	1501635	21.747	ng/ul	99
53)	2,4-Dinitrophenol	14.739	184	110680	19.876	ng/ul	96
55)	4-Nitrophenol	14.839	109	242107	20.066	ng/ul	95
56)	Dibenzofuran	15.027	168	2042178	22.022	ng/ul	98
57)	2,4-Dinitrotoluene	14.992	165	461319	25.285	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.251	232	377454	22.492	ng/ul#	94
59)	Diethylphthalate	15.451	149	1697019	21.961	ng/ul	99
61)	Fluorene	15.674	166	1718620	21.760	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.668	204	821296	21.744	ng/ul	100
63)	4-Nitroaniline	15.692	138	339307	23.202	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.751	198	198407	20.976	ng/ul	97
67)	N-Nitrosodiphenylamine	15.880	169	1405782	22.529	ng/ul	98
68)	4-Bromophenyl-phenylether	16.562	248	444530	21.288	ng/ul	99
69)	Hexachlorobenzene	16.674	284	522166	21.141	ng/ul	99
70)	Atrazine	16.833	200	453310	20.587	ng/ul	99
71)	Pentachlorophenol	17.015	266	286457	19.525	ng/ul	99
72)	Phenanthrene	17.409	178	2575453	22.070	ng/ul	99
74)	Anthracene	17.504	178	2607241	21.981	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.433	216	660475	22.793	ng/uL	100
76)	Pentachlorobenzene	14.945	250	699983	22.335	ng/uL	99
77)	Carbazole	17.768	167	2280523	20.766	ng/ul	100
78)	Di-n-butylphthalate	18.333	149	2774820	22.293	ng/ul	99
80)	Fluoranthene	19.415	202	2686248	27.581	ng/ul	100
82)	Pyrene	19.780	202	2786357	27.027	ng/ul	100
83)	Butylbenzylphthalate	20.674	149	1077929	27.593	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.450	252	695265	22.025	ng/ul	97
85)	Benzo(a)anthracene	21.521	228	2297696	22.699	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.450	149	1632384	28.606	ng/ul	99
87)	Chrysene	21.574	228	2144925	22.324	ng/ul	100
89)	Di-n-octyl phthalate	22.386	149	2423925	28.825	ng/ul	100
90)	Benzo(b)fluoranthene	23.227	252	2026223	22.907	ng/ul	100
91)	Benzo(k)fluoranthene	23.274	252	1956308	22.134	ng/ul	98
93)	Benzo(a)pyrene	23.862	252	1734746	22.309	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.503	276	1916092	21.101	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.521	278	1753449	21.292	ng/ul	99
96)	Benzo(g,h,i)perylene	27.279	276	1672113	21.241	ng/ul	98

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

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