Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011224\
Data File : BM043823.D
Acq On : 12 Jan 2024 08:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020188

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

Quant Time: Jan 13 00:35:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 01:07:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	270937	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	1240035	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	788190	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1639848	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1483748	20.000	ng/ul	0.00
88) Perylene-d12	23.950	264	1513108	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	57317	8.168	ng/uL	0.00
4) Pyridine-d5	3.781	84	425315	19.676	ng/ul	0.00
7) Phenol-d5	7.116	99	539422	19.673	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	352014	20.602	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	419404	21.027	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	439808	20.137	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	215447	20.731	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	236629	20.221	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	439876	20.990	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	657670	19.815	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	1349324	20.438	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	1578734	20.994	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	243751	18.876	ng/ul	-0.01
60) Fluorene-d10	15.586	176	1149699	20.693	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	206972	17.876	ng/ul	0.00
73) Anthracene-d10	17.439	188	1744288	20.902	ng/ul	0.00
81) Pyrene-d10	19.733	212	1898219	20.713	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	1725841	20.663	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	62525	8.492	ng/uL	99
5) Pyridine	3.799	79	449228	20.255	ng/ul	98
6) Benzaldehyde	7.093	77	292753m	27.052	ng/ul	
8) Phenol	7.145	94	548631	19.921	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.381	93	454599	20.474	ng/ul	97
12) 2-Chlorophenol	7.504	128	435968	21.058	ng/ul	97
13) 2-Methylphenol	8.398	108	422206	19.903	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	808936	21.609	ng/ul	99
16) Acetophenone	8.787	105	708892	20.932	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	407125	21.749	ng/ul	98
18) 4-Methylphenol	8.734	108	465432	20.196	ng/ul	96
19) Hexachloroethane	9.016	117	188794	21.042	ng/ul	97
22) Nitrobenzene	9.169	77	554735	21.408	ng/ul	98
23) Isophorone	9.692	82	1117568	21.026	ng/ul	99
25) 2-Nitrophenol	9.875	139	259569	20.986	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	508140	21.180	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	663405	21.044	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	428999	20.648	ng/ul	100
30) Naphthalene	10.804	128	1515036	20.998	ng/ul	100
32) 4-Chloroaniline	10.933	127	642717	19.926	ng/ul	99
33) Hexachlorobutadiene	11.069	225	237500	20.429	ng/ul	99
34) Caprolactam	11.739	113	146316	19.559	ng/ul	92
35) 4-Chloro-3-methylphenol	12.057	107	485272	21.079	ng/ul	99
36) 2-Methylnaphthalene	12.416	142	1060310	21.081	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	1046268	20.863	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	488038	20.820	ng/ul	99
40) Hexachlorocyclopentadiene	12.745	237	268846	17.149	ng/ul	100
41) 2,4,6-Trichlorophenol	13.027	196	339623	20.406	ng/ul	100
42) 2,4,5-Trichlorophenol	13.104	196	361827	20.474	ng/ul	99
43) 1,1'-Biphenyl	13.427	154	1398289	20.777	ng/ul	100
44) 2-Chloronaphthalene	13.469	162	1089472	21.008	ng/ul	99
45) 2-Nitroaniline	13.692	65	349181	21.334	ng/ul	95
47) Dimethylphthalate	14.057	163	1369164	20.631	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	265628	20.196	ng/ul	95
50) Acenaphthylene	14.316	152	1851232	21.079	ng/ul	100
51) 3-Nitroaniline	14.521	138	270822	19.472	ng/ul	96
52) Acenaphthene	14.657	153	1218300	20.920	ng/ul	100
53) 2,4-Dinitrophenol	14.733	184	135470	16.575	ng/ul	96
55) 4-Nitrophenol	14.833	109	196196	19.914	ng/ul	93
56) Dibenzofuran	14.992	168	1640792	20.970	ng/ul	100
57) 2,4-Dinitrotoluene	14.980	165	402739	20.786	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.216	232	296725	20.152	ng/ul	99
59) Diethylphthalate	15.416	149	1420244	20.074	ng/ul	99
61) Fluorene	15.639	166	1416441	21.117	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	647349	20.617	ng/ul	100
63) 4-Nitroaniline	15.686	138	239413	21.427	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	231849	18.603	ng/ul	95
67) N-Nitrosodiphenylamine	15.857	169	1137255	21.073	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	368402	20.080	ng/ul	98
69) Hexachlorobenzene	16.633	284	439292	20.296	ng/ul	98
70) Atrazine	16.815	200	369406	18.925	ng/ul	98
71) Pentachlorophenol	16.992	266	237478	17.451	ng/ul	99
72) Phenanthrene	17.386	178	2123638	21.087	ng/ul	99
74) Anthracene	17.474	178	2173008	21.203	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.386	216	475086	20.666	ng/uL	99
76) Pentachlorobenzene	14.904	250	479178	20.428	ng/uL	98
77) Carbazole	17.757	167	1936705	20.385	ng/ul	100
78) Di-n-butylphthalate	18.315	149	2491034	19.309	ng/ul	100
80) Fluoranthene	19.398	202	2335108	20.824	ng/ul	98
82) Pyrene	19.762	202	2483066	21.368	ng/ul	99
83) Butylbenzylphthalate	20.668	149	1103372	20.080	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.450	252	747115	20.915	ng/ul	99
85) Benzo(a)anthracene	21.515	228	2376547	20.977	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1737662	19.856	ng/ul	99
87) Chrysene	21.568	228	2152567	21.048	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2735026	19.416	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2191403	20.663	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	2166623	20.741	ng/ul	99
93) Benzo(a)pyrene	23.844	252	2037092	20.984	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.474	276	2381148	21.492	ng/ul	98
95) Dibenzo(a,h)anthracene	26.491	278	1969107	21.450	ng/ul	100
96) Benzo(g,h,i)perylene	27.244	276	1811838	21.536	ng/ul	99

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

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