Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
Data File : BM044323.D
Acq On : 25 Feb 2024 09:13
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020197

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024

Quant Time: Feb 26 01:43:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Feb 25 22:57:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	322766	20.000	ng/ul	0.00
20) Naphthalene-d8	10.727	136	1440747	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.568	164	862928	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.315	188	1860698	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	1662650	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1874169	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	73371	7.172	ng/uL	0.00
4) Pyridine-d5	3.769	84	521771	18.676	ng/ul	0.00
7) Phenol-d5	7.087	99	595267	19.252	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	373537	18.656	ng/ul	0.01
11) 2-Chlorophenol-d4	7.451	132	466749	20.043	ng/ul	0.01
15) 4-Methylphenol-d8	8.639	113	453787	19.396	ng/ul	0.01
21) Nitrobenzene-d5	9.092	128	225830	19.278	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	246326	20.610	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.345	165	424976	20.158	ng/ul	0.00
31) 4-Chloroaniline-d4	10.874	131	677801	19.143	ng/ul	0.01
46) Dimethylphthalate-d6	13.992	166	1323301	19.883	ng/ul	0.01
49) Acenaphthylene-d8	14.257	160	1502533	19.622	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	266400	20.116	ng/ul	0.01
60) Fluorene-d10	15.562	176	1101521	19.555	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	216544	18.756	ng/ul	0.00
73) Anthracene-d10	17.415	188	1740576	19.619	ng/ul	0.00
81) Pyrene-d10	19.715	212	1954465	19.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.768	264	1863359	19.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	78885	7.316	ng/uL	97
5) Pyridine	3.787	79	544431	18.627	ng/ul	99
6) Benzaldehyde	7.069	77	321613m	23.962	ng/ul	
8) Phenol	7.116	94	608010	18.917	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.357	93	510134	18.963	ng/ul	99
12) 2-Chlorophenol	7.481	128	473441	19.651	ng/ul	97
13) 2-Methylphenol	8.369	108	455345	19.230	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.451	45	679860	18.484	ng/ul	98
16) Acetophenone	8.757	105	743366	19.888	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.745	70	391352	20.901	ng/ul	99
18) 4-Methylphenol	8.698	108	487917	19.344	ng/ul	100
19) Hexachloroethane	8.992	117	196967	19.271	ng/ul	96
22) Nitrobenzene	9.139	77	537579	18.975	ng/ul	98
23) Isophorone	9.663	82	1097009	19.980	ng/ul	100
25) 2-Nitrophenol	9.845	139	267398	20.173	ng/ul	99
26) 2,4-Dimethylphenol	9.904	107	494035	19.519	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.157	93	690706	19.351	ng/ul	100
29) 2,4-Dichlorophenol	10.375	162	426719	19.999	ng/ul	100
30) Naphthalene	10.780	128	1556164	18.992	ng/ul	99
32) 4-Chloroaniline	10.898	127	665205	19.279	ng/ul	99
33) Hexachlorobutadiene	11.051	225	244038	18.984	ng/ul	98
34) Caprolactam	11.680	113	151205	20.501	ng/ul	96
35) 4-Chloro-3-methylphenol	12.021	107	480021	21.117	ng/ul	99
36) 2-Methylnaphthalene	12.392	142	1029155	19.719	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1017996	19.731	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	479102	18.755	ng/ul	99
40) Hexachlorocyclopentadiene	12.727	237	297666	17.319	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	330156	20.276	ng/ul	97
42) 2,4,5-Trichlorophenol	13.068	196	354776	20.155	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	1314226	18.707	ng/ul	98
44) 2-Chloronaphthalene	13.445	162	1041065	18.926	ng/ul	99
45) 2-Nitroaniline	13.657	65	318680	20.925	ng/ul	98
47) Dimethylphthalate	14.039	163	1353974	19.905	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	268503	21.108	ng/ul	96
50) Acenaphthylene	14.292	152	1754659	19.346	ng/ul	99
51) 3-Nitroaniline	14.486	138	289100	21.543	ng/ul	94
52) Acenaphthene	14.627	153	1132586	18.916	ng/ul	100
53) 2,4-Dinitrophenol	14.692	184	145847	18.477	ng/ul	97
55) 4-Nitrophenol	14.786	109	185887	20.432	ng/ul	98
56) Dibenzofuran	14.968	168	1542058	19.185	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	396978	21.723	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.192	232	302781	21.374	ng/ul	98
59) Diethylphthalate	15.404	149	1442377	20.600	ng/ul	99
61) Fluorene	15.615	166	1272249	19.707	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.615	204	604256	19.861	ng/ul	99
63) 4-Nitroaniline	15.645	138	298028	22.961	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.704	198	238188	18.859	ng/ul	99
67) N-Nitrosodiphenylamine	15.833	169	1096410	19.444	ng/ul	99
68) 4-Bromophenyl-phenylether	16.515	248	330867	17.897	ng/ul	97
69) Hexachlorobenzene	16.609	284	406650	19.218	ng/ul	99
70) Atrazine	16.792	200	373449	20.218	ng/ul	100
71) Pentachlorophenol	16.962	266	263577	18.902	ng/ul	98
72) Phenanthrene	17.362	178	2024907	18.970	ng/ul	100
74) Anthracene	17.451	178	2089046	19.438	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	471210	18.091	ng/uL	99
76) Pentachlorobenzene	14.880	250	455708	18.327	ng/uL	97
77) Carbazole	17.727	167	1957044	19.366	ng/ul	100
78) Di-n-butylphthalate	18.303	149	2679327	20.940	ng/ul	99
80) Fluoranthene	19.380	202	2315233	19.299	ng/ul	99
82) Pyrene	19.745	202	2426391	19.286	ng/ul	99
83) Butylbenzylphthalate	20.662	149	1208748	21.390	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	735767	19.784	ng/ul	99
85) Benzo(a)anthracene	21.503	228	2422742	19.538	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	1891149	21.859	ng/ul#	99
87) Chrysene	21.556	228	2267264	19.451	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	3264375	20.329	ng/ul	100
90) Benzo(b)fluoranthene	23.191	252	2354509	19.596	ng/ul	100
91) Benzo(k)fluoranthene	23.244	252	2395788	19.414	ng/ul	99
93) Benzo(a)pyrene	23.821	252	2245946	19.388	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.432	276	2672977	19.081	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	2244931	19.177	ng/ul	99
96) Benzo(g,h,i)perylene	27.203	276	2122910	18.734	ng/ul	98

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

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