Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048047.D
Acq On : 15 Oct 2024 04:07
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020180

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 06:07:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	304449	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1255624	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	783421	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1655709	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1600113	20.000	ng/ul	0.00
88) Perylene-d12	24.386	264	1926351	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	56919	6.042	ng/uL	0.00
4) Pyridine-d5	3.652	84	421764	15.290	ng/ul	0.00
7) Phenol-d5	6.957	99	501799	17.430	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	289150	14.154	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	431344	20.594	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	395954	18.499	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	204390	20.444	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	224482	23.431	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	405941	21.211	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	555858	18.787	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	1072532	18.883	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1306209	19.396	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	231009	20.428	ng/ul	0.00
60) Fluorene-d10	15.410	176	953378	19.379	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	172466	17.800	ng/ul	0.00
73) Anthracene-d10	17.257	188	1543927	18.964	ng/ul	0.00
81) Pyrene-d10	19.551	212	1817778	20.016	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	1902097	19.031	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	64281	6.247	ng/uL#	87
5) Pyridine	3.675	79	441157	15.191	ng/ul	85
6) Benzaldehyde	6.922	77	282575	18.049	ng/ul	87
8) Phenol	6.981	94	509474	16.632	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.204	93	402241	16.480	ng/ul	88
12) 2-Chlorophenol	7.351	128	424499	19.131	ng/ul	91
13) 2-Methylphenol	8.228	108	391008	18.306	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.310	45	579351	12.609	ng/ul#	93
16) Acetophenone	8.604	105	616493	16.833	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.587	70	295100	15.213	ng/ul#	85
18) 4-Methylphenol	8.557	108	416971	17.371	ng/ul	100
19) Hexachloroethane	8.857	117	177155	17.762	ng/ul	90
22) Nitrobenzene	8.981	77	456104	16.060	ng/ul#	87
23) Isophorone	9.510	82	859173	16.912	ng/ul#	94
25) 2-Nitrophenol	9.692	139	236817	21.607	ng/ul#	84
26) 2,4-Dimethylphenol	9.757	107	421889	17.964	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.987	93	519682	16.725	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	396204	20.049	ng/ul	96
30) Naphthalene	10.628	128	1353865	18.745	ng/ul	99
32) 4-Chloroaniline	10.734	127	517807	17.773	ng/ul	99
33) Hexachlorobutadiene	10.910	225	252707	19.354	ng/ul	98
34) Caprolactam	11.516	113	130682m	20.677	ng/ul	
35) 4-Chloro-3-methylphenol	11.869	107	402164	19.659	ng/ul	95
36) 2-Methylnaphthalene	12.239	142	877425	19.120	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	907376	19.434	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	464849	18.228	ng/ul#	96
40) Hexachlorocyclopentadiene	12.586	237	240045	15.562	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	315091	21.354	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	334172	20.710	ng/ul	97
43) 1,1'-Biphenyl	13.251	154	1131509	18.039	ng/ul#	97
44) 2-Chloronaphthalene	13.292	162	913301	18.826	ng/ul	96
45) 2-Nitroaniline	13.498	65	254718	16.540	ng/ul#	77
47) Dimethylphthalate	13.875	163	1078227	18.745	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	225251	22.297	ng/ul#	79
50) Acenaphthylene	14.139	152	1497962	19.724	ng/ul	99
51) 3-Nitroaniline	14.327	138	259031	21.186	ng/ul	84
52) Acenaphthene	14.486	153	969623	18.061	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	122554	19.633	ng/ul#	73
55) 4-Nitrophenol	14.645	109	195007	20.538	ng/ul	84
56) Dibenzofuran	14.822	168	1336320	18.492	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	337320	22.232	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.051	232	285927	22.481	ng/ul#	93
59) Diethylphthalate	15.239	149	1082289	18.805	ng/ul	98
61) Fluorene	15.469	166	1087156	18.032	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	525207	18.435	ng/ul	94
63) 4-Nitroaniline	15.486	138	282124	23.759	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.551	198	184188	17.156	ng/ul#	84
67) N-Nitrosodiphenylamine	15.674	169	904791	17.537	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	325935	19.098	ng/ul	98
69) Hexachlorobenzene	16.474	284	395388	19.908	ng/ul#	90
70) Atrazine	16.627	200	324619	18.901	ng/ul	98
71) Pentachlorophenol	16.816	266	288864	22.873	ng/ul	99
72) Phenanthrene	17.204	178	1766800	18.196	ng/ul	99
74) Anthracene	17.292	178	1823401	18.412	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	459216	16.751	ng/uL	99
76) Pentachlorobenzene	14.739	250	456350	17.054	ng/uL	97
77) Carbazole	17.563	167	1681029	18.727	ng/ul	98
78) Di-n-butylphthalate	18.121	149	1926310	19.276	ng/ul#	98
80) Fluoranthene	19.215	202	2124269	19.861	ng/ul	99
82) Pyrene	19.580	202	2237433	18.795	ng/ul	95
83) Butylbenzylphthalate	20.468	149	941706	22.376	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.292	252	678763	20.075	ng/ul	98
85) Benzo(a)anthracene	21.368	228	2244896	20.037	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1304470	20.645	ng/ul	97
87) Chrysene	21.433	228	2064417	18.901	ng/ul	100
89) Di-n-octyl phthalate	22.415	149	2384834	19.194	ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	2320821	19.319	ng/ul	99
91) Benzo(k)fluoranthene	23.497	252	2249910	18.316	ng/ul	99
93) Benzo(a)pyrene	24.244	252	2197158	19.258	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.762	276	2758747	18.868	ng/ul	99
95) Dibenzo(a,h)anthracene	27.821	278	2302805	19.219	ng/ul	98
96) Benzo(g,h,i)perylene	28.821	276	2236102	19.520	ng/ul	97

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

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