Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043322.D
Acq On : 14 Dec 2023 04:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020161

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 14 04:48:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	497612	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2296316	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1324685	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2522651	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1743633	20.000	ng/ul	# 0.00
88) Perylene-d12	23.956	264	1585626	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	95521	7.534	ng/uL	0.00
4) Pyridine-d5	3.816	84	777176	20.658	ng/ul	0.00
7) Phenol-d5	7.157	99	1026264	20.774	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	642340	21.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	777940	20.656	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	820294	20.988	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	406148	20.751	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	423522	22.440	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	774647	18.414	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1113270	18.392	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2142375	18.450	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	2595891	19.323	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	416520	20.018	ng/ul	0.00
60) Fluorene-d10	15.616	176	1791450	17.698	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	186437	13.428	ng/ul	0.00
73) Anthracene-d10	17.462	188	2580632	18.909	ng/ul	0.00
81) Pyrene-d10	19.745	212	2537164	22.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	1748638	18.899	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	105730	7.592	ng/uL	97
5) Pyridine	3.834	79	806568	20.860	ng/ul	98
6) Benzaldehyde	7.140	77	488422	19.209	ng/ul	96
8) Phenol	7.187	94	1016666	20.809	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.428	93	816528	20.728	ng/ul	99
12) 2-Chlorophenol	7.557	128	794558	20.796	ng/ul	98
13) 2-Methylphenol	8.445	108	784226	20.758	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1394566	21.292	ng/ul	100
16) Acetophenone	8.834	105	1234813	19.657	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	703401	20.429	ng/ul	98
18) 4-Methylphenol	8.775	108	852144	20.788	ng/ul	100
19) Hexachloroethane	9.075	117	326511	20.161	ng/ul	82
22) Nitrobenzene	9.216	77	990091	21.039	ng/ul	99
23) Isophorone	9.739	82	1929484	19.242	ng/ul	99
25) 2-Nitrophenol	9.922	139	451271	21.816	ng/ul	96
26) 2,4-Dimethylphenol	9.981	107	831005	20.490	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	1160019	19.676	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	740779	18.143	ng/ul	96
30) Naphthalene	10.857	128	2654779	18.835	ng/ul	100
32) 4-Chloroaniline	10.975	127	1076633	18.857	ng/ul	100
33) Hexachlorobutadiene	11.128	225	373856	14.695	ng/ul	99
34) Caprolactam	11.751	113	249207m	20.527	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	850716	19.842	ng/ul	96
36) 2-Methylnaphthalene	12.463	142	1819293	17.941	ng/ul	100

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37) 1-Methylnaphthalene	12.680	142	1829478	17.774	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	752531	16.791	ng/ul#	97
40) Hexachlorocyclopentadiene	12.792	237	306990	12.072	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	534051	19.150	ng/ul	97
42) 2,4,5-Trichlorophenol	13.133	196	569741	18.770	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	2291944	19.558	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	1782340	19.621	ng/ul	97
45) 2-Nitroaniline	13.716	65	605674	25.232	ng/ul	95
47) Dimethylphthalate	14.092	163	2115600	18.575	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	432354	20.604	ng/ul	94
50) Acenaphthylene	14.351	152	2984211	19.654	ng/ul	99
51) 3-Nitroaniline	14.539	138	509354	21.880	ng/ul	91
52) Acenaphthene	14.692	153	1939792	19.368	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	107647	11.175	ng/ul#	88
55) 4-Nitrophenol	14.839	109	320976	21.333	ng/ul	92
56) Dibenzofuran	15.021	168	2522347	18.437	ng/ul	94
57) 2,4-Dinitrotoluene	14.998	165	602945	20.124	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.245	232	428619	16.989	ng/ul#	88
59) Diethylphthalate	15.451	149	2234845	19.508	ng/ul	97
61) Fluorene	15.669	166	2158618	18.227	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	948473	16.211	ng/ul	91
63) 4-Nitroaniline	15.698	138	513835	21.968	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	201136	13.249	ng/ul#	86
67) N-Nitrosodiphenylamine	15.880	169	1737837	20.543	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	549377	18.009	ng/ul	94
69) Hexachlorobenzene	16.663	284	624038	17.241	ng/ul#	90
70) Atrazine	16.833	200	355974	14.922	ng/ul	96
71) Pentachlorophenol	17.010	266	349816	16.413	ng/ul	98
72) Phenanthrene	17.410	178	3092806	19.661	ng/ul	100
74) Anthracene	17.498	178	3165607	19.977	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	759592	19.033	ng/uL	99
76) Pentachlorobenzene	14.933	250	722870	17.823	ng/uL	99
77) Carbazole	17.774	167	2867366	22.029	ng/ul	98
78) Di-n-butylphthalate	18.339	149	3913329	23.114	ng/ul	99
80) Fluoranthene	19.415	202	3136835	24.510	ng/ul#	92
82) Pyrene	19.774	202	3208802	24.103	ng/ul#	92
83) Butylbenzylphthalate	20.680	149	1658265	31.314	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.456	252	729963	17.615	ng/ul#	98
85) Benzo(a)anthracene	21.521	228	2663712	19.925	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	2533923	30.312	ng/ul#	97
87) Chrysene	21.574	228	2387402	19.995	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	4035987	37.005	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2162965	19.119	ng/ul#	97
91) Benzo(k)fluoranthene	23.268	252	2194057	19.472	ng/ul#	97
93) Benzo(a)pyrene	23.844	252	1975766	18.894	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.474	276	2310696	19.399	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.497	278	1932865	19.407	ng/ul#	94
96) Benzo(g,h,i)perylene	27.250	276	1812653	20.198	ng/ul#	93

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

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