Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011425\
Data File : BM049343.D
Acq On : 14 Jan 2025 09:26
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 14 10:35:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020065

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	232920	20.000	ng/ul	0.00
20) Naphthalene-d8	10.286	136	944769	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.162	164	661003	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	1377097	20.000	ng/ul	0.00
79) Chrysene-d12	21.144	240	1377767	20.000	ng/ul	0.00
88) Perylene-d12	23.932	264	1221148	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	52237	9.279	ng/uL	0.00
4) Pyridine-d5	3.510	84	394526	22.014	ng/ul	0.00
7) Phenol-d5	6.716	99	428577	21.919	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	295552	22.701	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	338784	22.650	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	329207	21.713	ng/ul	0.00
21) Nitrobenzene-d5	8.669	128	160782	22.317	ng/ul	0.00
24) 2-Nitrophenol-d4	9.380	143	176412	21.904	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	368580	22.427	ng/ul	0.00
31) 4-Chloroaniline-d4	10.427	131	461934	21.361	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	1092249	22.201	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	1270683	22.625	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	169208	20.770	ng/ul	0.00
60) Fluorene-d10	15.162	176	968817	22.795	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	172238	19.625	ng/ul	0.00
73) Anthracene-d10	17.015	188	1532360	22.510	ng/ul	0.00
81) Pyrene-d10	19.321	212	1783405	21.269	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	1476601	22.525	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	55158	8.944	ng/uL	96
5) Pyridine	3.528	79	410298	22.648	ng/ul	97
6) Benzaldehyde	6.681	77	289044	27.420	ng/ul	99
8) Phenol	6.745	94	444351	21.858	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.963	93	368783	22.277	ng/ul	99
12) 2-Chlorophenol	7.092	128	349268	22.465	ng/ul	98
13) 2-Methylphenol	7.975	108	317543	21.380	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.045	45	572840	23.089	ng/ul	100
16) Acetophenone	8.339	105	562430	22.713	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.328	70	305514	22.842	ng/ul	97
18) 4-Methylphenol	8.298	108	353941	21.751	ng/ul	100
19) Hexachloroethane	8.586	117	153373	22.959	ng/ul	99
22) Nitrobenzene	8.710	77	418421	22.418	ng/ul	100
23) Isophorone	9.233	82	789243	21.763	ng/ul	99
25) 2-Nitrophenol	9.410	139	196813	22.234	ng/ul	97
26) 2,4-Dimethylphenol	9.486	107	368652	22.253	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.716	93	485941	21.801	ng/ul	97
29) 2,4-Dichlorophenol	9.945	162	366718	22.397	ng/ul	100
30) Naphthalene	10.333	128	1112892	22.196	ng/ul	99
32) 4-Chloroaniline	10.451	127	448919	21.769	ng/ul	99
33) Hexachlorobutadiene	10.627	225	264792	22.649	ng/ul	99
34) Caprolactam	11.227	113	104761m	21.492	ng/ul	
35) 4-Chloro-3-methylphenol	11.592	107	336445	21.976	ng/ul	97
36) 2-Methylnaphthalene	11.957	142	800079	22.299	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.180	142	798125	22.357	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.333	216	507495	22.181	ng/ul	99
40) Hexachlorocyclopentadiene	12.316	237	275567	20.074	ng/ul	97
41) 2,4,6-Trichlorophenol	12.580	196	314252	22.327	ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	333460	22.105	ng/ul	98
43) 1,1'-Biphenyl	12.986	154	1073578	22.183	ng/ul	99
44) 2-Chloronaphthalene	13.027	162	871549	22.519	ng/ul	98
45) 2-Nitroaniline	13.239	65	230490	22.569	ng/ul	100
47) Dimethylphthalate	13.633	163	1077792	22.146	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	203152	22.375	ng/ul	98
50) Acenaphthylene	13.880	152	1287296	22.357	ng/ul	100
51) 3-Nitroaniline	14.080	138	198793	22.315	ng/ul	99
52) Acenaphthene	14.227	153	912903	22.191	ng/ul	99
53) 2,4-Dinitrophenol	14.286	184	101897	17.919	ng/ul	99
55) 4-Nitrophenol	14.404	109	126348	21.031	ng/ul	95
56) Dibenzofuran	14.568	168	1316331	22.532	ng/ul	100
57) 2,4-Dinitrotoluene	14.539	165	301602	22.385	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.798	232	284846	22.353	ng/ul	98
59) Diethylphthalate	15.009	149	1055155	22.246	ng/ul	99
61) Fluorene	15.221	166	1105761	23.167	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.221	204	594842	22.867	ng/ul	97
63) 4-Nitroaniline	15.245	138	182537	22.774	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.304	198	195104	20.388	ng/ul	97
67) N-Nitrosodiphenylamine	15.439	169	904965	22.148	ng/ul	99
68) 4-Bromophenyl-phenylether	16.115	248	336954	21.519	ng/ul	100
69) Hexachlorobenzene	16.221	284	390639	21.450	ng/ul	97
70) Atrazine	16.404	200	361302	21.629	ng/ul	98
71) Pentachlorophenol	16.574	266	238471	19.765	ng/ul	98
72) Phenanthrene	16.956	178	1712963	22.375	ng/ul	99
74) Anthracene	17.051	178	1729588	22.508	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.951	216	493534	21.444	ng/uL	99
76) Pentachlorobenzene	14.486	250	496835	21.628	ng/uL	99
77) Carbazole	17.321	167	1496848	21.955	ng/ul	98
78) Di-n-butylphthalate	17.903	149	1864407	22.318	ng/ul	99
80) Fluoranthene	18.986	202	2040740	21.181	ng/ul	99
82) Pyrene	19.350	202	2204052	21.490	ng/ul	99
83) Butylbenzylphthalate	20.274	149	783600	21.580	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.068	252	572313	22.183	ng/ul	98
85) Benzo(a)anthracene	21.133	228	2149229	22.384	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.080	149	1203554	22.287	ng/ul#	98
87) Chrysene	21.186	228	1969924	22.474	ng/ul	100
89) Di-n-octyl phthalate	22.144	149	1818330	20.440	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	1845539	22.580	ng/ul	100
91) Benzo(k)fluoranthene	23.115	252	1889467	23.185	ng/ul	99
93) Benzo(a)pyrene	23.803	252	1669370	22.612	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.020	276	1860573	21.969	ng/ul	99
95) Dibenzo(a,h)anthracene	27.073	278	1496835	21.700	ng/ul	99
96) Benzo(g,h,i)perylene	27.979	276	1392145	22.020	ng/ul	99

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

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