Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011325\
Data File : BM049337.D
Acq On : 13 Jan 2025 14:23
Operator : RC/JU
Sample : SSTD02068
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 13 15:07:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 15:05:49 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020008

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	256234	20.000	ng/ul	0.00
20) Naphthalene-d8	10.286	136	1048568	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	749587	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	1543873	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	1430905	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	1196607	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	56508	7.863	ng/uL	0.00
4) Pyridine-d5	3.510	84	443090	20.362	ng/ul	0.00
7) Phenol-d5	6.716	99	467448	20.584	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	326251	21.135	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	374975	22.515	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	367402	21.396	ng/ul	0.00
21) Nitrobenzene-d5	8.669	128	178916	23.089	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	201856	26.681	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	414099	26.132	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	523300	22.067	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	1259894	23.476	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	1436378	22.246	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	198374	19.963	ng/ul	0.00
60) Fluorene-d10	15.163	176	1095903	23.533	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	201379	23.022	ng/ul	0.00
73) Anthracene-d10	17.015	188	1726248	22.242	ng/ul	0.00
81) Pyrene-d10	19.321	212	1956131	23.369	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	1449177	22.799	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	60398	7.803	ng/uL	100
5) Pyridine	3.528	79	447010	19.882	ng/ul	100
6) Benzaldehyde	6.681	77	319803	26.491	ng/ul	100
8) Phenol	6.745	94	487866	20.115	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.963	93	407650	21.091	ng/ul	100
12) 2-Chlorophenol	7.098	128	386846	22.104	ng/ul	100
13) 2-Methylphenol	7.975	108	357450	21.182	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.045	45	625984	21.767	ng/ul	100
16) Acetophenone	8.339	105	622393	21.732	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.334	70	345347	24.200	ng/ul	100
18) 4-Methylphenol	8.298	108	391396	21.107	ng/ul	100
19) Hexachloroethane	8.586	117	166302	21.957	ng/ul	100
22) Nitrobenzene	8.710	77	463597	22.075	ng/ul	100
23) Isophorone	9.234	82	907542	23.948	ng/ul	100
25) 2-Nitrophenol	9.416	139	221314	25.278	ng/ul	100
26) 2,4-Dimethylphenol	9.486	107	411859	23.437	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.722	93	554758	23.096	ng/ul	100
29) 2,4-Dichlorophenol	9.945	162	409539	25.337	ng/ul	100
30) Naphthalene	10.333	128	1234861	21.797	ng/ul	100
32) 4-Chloroaniline	10.451	127	499978	21.955	ng/ul	100
33) Hexachlorobutadiene	10.628	225	290757	26.848	ng/ul	100
34) Caprolactam	11.227	113	123529m	24.289	ng/ul	
35) 4-Chloro-3-methylphenol	11.592	107	392005	25.374	ng/ul	100
36) 2-Methylnaphthalene	11.957	142	893793	24.224	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.180	142	894011	24.254	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.333	216	558402	23.106	ng/ul	100
40) Hexachlorocyclopentadiene	12.316	237	308896	20.737	ng/ul	100
41) 2,4,6-Trichlorophenol	12.580	196	355147	25.657	ng/ul	100
42) 2,4,5-Trichlorophenol	12.657	196	381833	25.209	ng/ul	100
43) 1,1'-Biphenyl	12.992	154	1218965	21.156	ng/ul	100
44) 2-Chloronaphthalene	13.027	162	971011	21.197	ng/ul	100
45) 2-Nitroaniline	13.239	65	264768	22.308	ng/ul	100
47) Dimethylphthalate	13.633	163	1240050	23.182	ng/ul	100
48) 2,6-Dinitrotoluene	13.751	165	237732	25.594	ng/ul	100
50) Acenaphthylene	13.880	152	1459832	21.102	ng/ul	100
51) 3-Nitroaniline	14.080	138	227900	21.994	ng/ul	100
52) Acenaphthene	14.227	153	1044987	21.224	ng/ul	100
53) 2,4-Dinitrophenol	14.286	184	124877	24.514	ng/ul	100
55) 4-Nitrophenol	14.404	109	148857	19.975	ng/ul	100
56) Dibenzofuran	14.568	168	1493005	22.237	ng/ul	100
57) 2,4-Dinitrotoluene	14.539	165	359123	26.270	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.798	232	326786	28.382	ng/ul	100
59) Diethylphthalate	15.015	149	1229724	23.784	ng/ul	100
61) Fluorene	15.221	166	1264221	22.719	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.221	204	666840	24.060	ng/ul	100
63) 4-Nitroaniline	15.251	138	230009	23.507	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.310	198	223193	23.115	ng/ul	100
67) N-Nitrosodiphenylamine	15.439	169	1026481	21.492	ng/ul	100
68) 4-Bromophenyl-phenylether	16.115	248	384138	23.906	ng/ul	100
69) Hexachlorobenzene	16.227	284	445306	23.302	ng/ul	100
70) Atrazine	16.404	200	410345	22.585	ng/ul	100
71) Pentachlorophenol	16.574	266	275981	22.665	ng/ul	100
72) Phenanthrene	16.957	178	1922885	21.239	ng/ul	100
74) Anthracene	17.051	178	1946858	21.354	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.951	216	553000	21.402	ng/uL	100
76) Pentachlorobenzene	14.486	250	560994	22.259	ng/uL	100
77) Carbazole	17.327	167	1707384	20.073	ng/ul	100
78) Di-n-butylphthalate	17.909	149	2150833	24.158	ng/ul	100
80) Fluoranthene	18.986	202	2244419	22.915	ng/ul	100
82) Pyrene	19.351	202	2392897	22.302	ng/ul	100
83) Butylbenzylphthalate	20.274	149	862395	25.439	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.068	252	604749	22.930	ng/ul	100
85) Benzo(a)anthracene	21.133	228	2226895	22.536	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	1287433	26.150	ng/ul	100
87) Chrysene	21.186	228	2040487	22.010	ng/ul	100
89) Di-n-octyl phthalate	22.144	149	1932289	24.360	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	1807421	22.927	ng/ul	100
91) Benzo(k)fluoranthene	23.115	252	1851957	23.302	ng/ul	100
93) Benzo(a)pyrene	23.797	252	1635773	22.467	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.021	276	1770475	20.250	ng/ul	100
95) Dibenzo(a,h)anthracene	27.074	278	1450399	20.306	ng/ul	100
96) Benzo(g,h,i)perylene	27.979	276	1313213	19.753	ng/ul	100

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

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