Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049379.D
Acq On : 22 Jan 2025 00:52
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020068

Quant Time: Jan 22 02:35:12 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	282086	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	1087952	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	692347	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1256250	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1036564	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	927317	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	56794	8.330	ng/uL	0.00
4) Pyridine-d5	3.510	84	443041	20.413	ng/ul	0.00
7) Phenol-d5	6.716	99	457931	19.338	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	331725	21.038	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	364681	20.132	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	346863	18.890	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	168680	20.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	180089	19.417	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	378913	20.022	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	465503	18.693	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1041580	20.213	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1222785	20.786	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	136620	16.010	ng/ul	0.00
60) Fluorene-d10	15.157	176	899701	20.211	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	141635	17.691	ng/ul	0.00
73) Anthracene-d10	17.009	188	1292966	20.820	ng/ul	0.00
81) Pyrene-d10	19.315	212	1325493	21.011	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1005016	20.189	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	62469	8.364	ng/uL	98
5) Pyridine	3.528	79	454179	20.701	ng/ul	98
6) Benzaldehyde	6.675	77	299725	23.478	ng/ul	99
8) Phenol	6.740	94	478538	19.437	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.963	93	402482	20.075	ng/ul	97
12) 2-Chlorophenol	7.093	128	378856	20.121	ng/ul	98
13) 2-Methylphenol	7.969	108	344427	19.148	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.039	45	654795	21.792	ng/ul	99
16) Acetophenone	8.334	105	605930	20.204	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.328	70	328308	20.268	ng/ul	96
18) 4-Methylphenol	8.298	108	376092	19.084	ng/ul	98
19) Hexachloroethane	8.581	117	166096	20.530	ng/ul	96
22) Nitrobenzene	8.704	77	454637	21.153	ng/ul	98
23) Isophorone	9.234	82	819771	19.629	ng/ul	99
25) 2-Nitrophenol	9.410	139	204695	20.081	ng/ul	98
26) 2,4-Dimethylphenol	9.481	107	388157	20.347	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.716	93	521766	20.328	ng/ul	99
29) 2,4-Dichlorophenol	9.939	162	383983	20.365	ng/ul	98
30) Naphthalene	10.333	128	1186078	20.542	ng/ul	99
32) 4-Chloroaniline	10.451	127	448316	18.878	ng/ul	98
33) Hexachlorobutadiene	10.622	225	283898	21.087	ng/ul	97
34) Caprolactam	11.228	113	93170m	16.599	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	341175	19.352	ng/ul	100
36) 2-Methylnaphthalene	11.951	142	826342	20.000	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.175	142	819086	19.925	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.327	216	514978	21.489	ng/ul	99
40) Hexachlorocyclopentadiene	12.310	237	290529	20.206	ng/ul	99
41) 2,4,6-Trichlorophenol	12.580	196	302802	20.539	ng/ul	97
42) 2,4,5-Trichlorophenol	12.651	196	326876	20.687	ng/ul	98
43) 1,1'-Biphenyl	12.986	154	1095307	21.608	ng/ul	99
44) 2-Chloronaphthalene	13.022	162	868474	21.423	ng/ul	98
45) 2-Nitroaniline	13.239	65	223195	20.866	ng/ul	97
47) Dimethylphthalate	13.633	163	1037237	20.348	ng/ul	100
48) 2,6-Dinitrotoluene	13.745	165	190453	20.026	ng/ul	96
50) Acenaphthylene	13.874	152	1256998	20.843	ng/ul	99
51) 3-Nitroaniline	14.074	138	167456	17.946	ng/ul	99
52) Acenaphthene	14.221	153	904718	20.996	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	80555	13.525	ng/ul	96
55) 4-Nitrophenol	14.398	109	106840	16.979	ng/ul	97
56) Dibenzofuran	14.563	168	1265993	20.690	ng/ul	99
57) 2,4-Dinitrotoluene	14.539	165	275305	19.508	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.798	232	252604	18.925	ng/ul	97
59) Diethylphthalate	15.010	149	983219	19.791	ng/ul	99
61) Fluorene	15.216	166	1044609	20.895	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	560409	20.568	ng/ul	98
63) 4-Nitroaniline	15.245	138	147780	17.603	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.304	198	159643	18.288	ng/ul	96
67) N-Nitrosodiphenylamine	15.433	169	821371	22.036	ng/ul	100
68) 4-Bromophenyl-phenylether	16.115	248	300486	21.036	ng/ul	97
69) Hexachlorobenzene	16.221	284	339516	20.436	ng/ul	97
70) Atrazine	16.398	200	300572	19.724	ng/ul	99
71) Pentachlorophenol	16.568	266	188772	17.151	ng/ul	98
72) Phenanthrene	16.957	178	1462781	20.945	ng/ul	100
74) Anthracene	17.045	178	1479170	21.101	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.945	216	498653	23.751	ng/uL	98
76) Pentachlorobenzene	14.480	250	473364	22.588	ng/uL	100
77) Carbazole	17.321	167	1216883	19.565	ng/ul	99
78) Di-n-butylphthalate	17.904	149	1453921	19.079	ng/ul	99
80) Fluoranthene	18.980	202	1546179	21.330	ng/ul	99
82) Pyrene	19.345	202	1655453	21.454	ng/ul	98
83) Butylbenzylphthalate	20.274	149	519582	19.019	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.062	252	332517	17.131	ng/ul	100
85) Benzo(a)anthracene	21.121	228	1470920	20.362	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.080	149	758225	18.662	ng/ul	99
87) Chrysene	21.180	228	1372552	20.813	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	1095477	16.216	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	1236564	19.923	ng/ul	100
91) Benzo(k)fluoranthene	23.103	252	1301809	21.036	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1154248	20.588	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	1394165	21.678	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	1132694	21.624	ng/ul	98
96) Benzo(g,h,i)perylene	27.956	276	1067426	22.234	ng/ul	98

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

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