Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
Data File : BM047749.D
Acq On : 01 Oct 2024 19:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020153

Quant Time: Oct 01 23:24:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	223065	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	910877	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	554165	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1111921	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1062553	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1205655	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	47591	6.895	ng/uL	0.00
4) Pyridine-d5	3.675	84	345487	17.094	ng/ul	0.00
7) Phenol-d5	6.975	99	371202	17.598	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	234096	15.640	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	310072	20.205	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	292604	18.658	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	144034	19.860	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	146555	21.087	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	293146	21.114	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	415037	19.336	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	790079	19.665	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	943601	19.808	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	151618	18.954	ng/ul	0.00
60) Fluorene-d10	15.433	176	685178	19.689	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	108628	16.694	ng/ul	0.00
73) Anthracene-d10	17.280	188	1056841	19.330	ng/ul	0.00
81) Pyrene-d10	19.562	212	1198190	19.869	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1234460	19.734	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	50280	6.669	ng/uL	88
5) Pyridine	3.693	79	359002	16.873	ng/ul	91
6) Benzaldehyde	6.945	77	232314	20.252	ng/ul	94
8) Phenol	6.998	94	387238	17.254	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.228	93	311424	17.414	ng/ul	92
12) 2-Chlorophenol	7.375	128	320035	19.685	ng/ul	93
13) 2-Methylphenol	8.251	108	284074	18.152	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.328	45	470454	13.974	ng/ul	96
16) Acetophenone	8.628	105	480793	17.917	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.616	70	236680	16.652	ng/ul#	90
18) 4-Methylphenol	8.575	108	318810	18.128	ng/ul	100
19) Hexachloroethane	8.892	117	134804	18.447	ng/ul	90
22) Nitrobenzene	9.004	77	349288	16.954	ng/ul	94
23) Isophorone	9.533	82	645201	17.507	ng/ul	96
25) 2-Nitrophenol	9.716	139	165422	20.805	ng/ul	89
26) 2,4-Dimethylphenol	9.781	107	316508	18.578	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.016	93	401104	17.794	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	299670	20.903	ng/ul	97
30) Naphthalene	10.651	128	1001696	19.118	ng/ul	99
32) 4-Chloroaniline	10.757	127	401630	19.003	ng/ul	100
33) Hexachlorobutadiene	10.945	225	189370	19.992	ng/ul	99
34) Caprolactam	11.527	113	88790	19.366	ng/ul	76
35) 4-Chloro-3-methylphenol	11.886	107	295556	19.916	ng/ul	95
36) 2-Methylnaphthalene	12.263	142	662463	19.899	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	674323	19.909	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	353697	19.607	ng/ul	98
40) Hexachlorocyclopentadiene	12.621	237	191465	17.548	ng/ul	100
41) 2,4,6-Trichlorophenol	12.874	196	220944	21.168	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	240467	21.068	ng/ul	97
43) 1,1'-Biphenyl	13.274	154	856821	19.311	ng/ul	97
44) 2-Chloronaphthalene	13.316	162	668931	19.494	ng/ul	97
45) 2-Nitroaniline	13.516	65	179281	16.458	ng/ul#	80
47) Dimethylphthalate	13.898	163	795106	19.541	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	147082	20.583	ng/ul	86
50) Acenaphthylene	14.163	152	1043210	19.418	ng/ul	100
51) 3-Nitroaniline	14.339	138	169736	19.626	ng/ul	91
52) Acenaphthene	14.504	153	723089	19.041	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	69035	15.634	ng/ul#	78
55) 4-Nitrophenol	14.645	109	120491	17.940	ng/ul	91
56) Dibenzofuran	14.839	168	1000876	19.579	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	224523	20.920	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.063	232	198653	22.080	ng/ul#	98
59) Diethylphthalate	15.262	149	788761	19.374	ng/ul	98
61) Fluorene	15.486	166	812320	19.047	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	392679	19.486	ng/ul	96
63) 4-Nitroaniline	15.498	138	179236	21.339	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.562	198	124064	17.207	ng/ul#	85
67) N-Nitrosodiphenylamine	15.692	169	677700	19.559	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	230223	20.087	ng/ul	97
69) Hexachlorobenzene	16.492	284	271633	20.365	ng/ul	94
70) Atrazine	16.645	200	225584	19.558	ng/ul	98
71) Pentachlorophenol	16.833	266	175661	20.711	ng/ul	100
72) Phenanthrene	17.221	178	1242197	19.050	ng/ul	99
74) Anthracene	17.309	178	1273579	19.150	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	354996	19.283	ng/uL	100
76) Pentachlorobenzene	14.763	250	338309	18.826	ng/uL	99
77) Carbazole	17.580	167	1167761	19.371	ng/ul	98
78) Di-n-butylphthalate	18.145	149	1302446	19.407	ng/ul	99
80) Fluoranthene	19.233	202	1399534	19.705	ng/ul	98
82) Pyrene	19.592	202	1532471	19.386	ng/ul	97
83) Butylbenzylphthalate	20.492	149	556878	19.926	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.309	252	440308	19.611	ng/ul	98
85) Benzo(a)anthracene	21.386	228	1462504	19.658	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	811864	19.349	ng/ul	99
87) Chrysene	21.450	228	1394793	19.231	ng/ul	99
89) Di-n-octyl phthalate	22.450	149	1350635	17.368	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	1446234	19.235	ng/ul	99
91) Benzo(k)fluoranthene	23.527	252	1473048	19.160	ng/ul	98
93) Benzo(a)pyrene	24.268	252	1376336	19.274	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.797	276	1766736	19.307	ng/ul	99
95) Dibenzo(a,h)anthracene	27.856	278	1429388	19.060	ng/ul	97
96) Benzo(g,h,i)perylene	28.856	276	1373270	19.154	ng/ul	97

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

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