Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048279.D
Acq On : 29 Oct 2024 07:41
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020190

Quant Time: Oct 29 11:10:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	252806	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	1064846	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	640935	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1209080	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1006312	20.000	ng/ul	0.00
88) Perylene-d12	24.274	264	1082271	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	54829	8.539	ng/uL	0.00
4) Pyridine-d5	3.587	84	385929	20.735	ng/ul	0.00
7) Phenol-d5	6.892	99	449665	20.704	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	287000	21.332	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	377145	21.353	ng/ul	0.00
15) 4-Methylphenol-d8	8.433	113	355867	20.408	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	180388	20.662	ng/ul	0.00
24) 2-Nitrophenol-d4	9.592	143	198310	20.968	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.133	165	357575	20.719	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	473357	19.752	ng/ul	0.00
46) Dimethylphthalate-d6	13.774	166	962786	20.101	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1134457	21.006	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	162907	18.598	ng/ul	0.00
60) Fluorene-d10	15.351	176	822486	20.322	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	154427	19.327	ng/ul	0.00
73) Anthracene-d10	17.203	188	1187295	20.767	ng/ul	0.00
81) Pyrene-d10	19.492	212	1282808	21.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	1199874	21.019	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	57627	8.489	ng/uL	97
5) Pyridine	3.604	79	409538	21.469	ng/ul	99
6) Benzaldehyde	6.857	77	244791	22.773	ng/ul	94
8) Phenol	6.922	94	468846	20.728	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.145	93	383999	21.250	ng/ul	99
12) 2-Chlorophenol	7.286	128	390087	21.512	ng/ul	99
13) 2-Methylphenol	8.169	108	347456	20.420	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.233	45	582822	21.103	ng/ul	99
16) Acetophenone	8.539	105	574321	20.912	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.528	70	283439	20.122	ng/ul	98
18) 4-Methylphenol	8.498	108	389522	20.741	ng/ul	95
19) Hexachloroethane	8.792	117	163751	21.421	ng/ul	97
22) Nitrobenzene	8.916	77	419471	20.677	ng/ul	99
23) Isophorone	9.445	82	780795	19.861	ng/ul	99
25) 2-Nitrophenol	9.628	139	217278	20.959	ng/ul	97
26) 2,4-Dimethylphenol	9.692	107	387763	20.375	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.922	93	504219	20.679	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	360760	20.429	ng/ul	98
30) Naphthalene	10.557	128	1227134	20.633	ng/ul	100
32) 4-Chloroaniline	10.669	127	465083	20.029	ng/ul	100
33) Hexachlorobutadiene	10.839	225	242873	20.639	ng/ul	100
34) Caprolactam	11.451	113	100952	17.924	ng/ul	97
35) 4-Chloro-3-methylphenol	11.804	107	351710	19.794	ng/ul	100
36) 2-Methylnaphthalene	12.174	142	804141	20.059	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	813812	20.012	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.545	216	428743	21.129	ng/ul	99
40) Hexachlorocyclopentadiene	12.521	237	253420	20.863	ng/ul	99
41) 2,4,6-Trichlorophenol	12.792	196	275101	21.004	ng/ul	99
42) 2,4,5-Trichlorophenol	12.868	196	285730	20.654	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	1032403	21.002	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	810304	21.272	ng/ul	99
45) 2-Nitroaniline	13.445	65	210737	19.989	ng/ul	95
47) Dimethylphthalate	13.821	163	953793	19.855	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	192590	20.619	ng/ul	97
50) Acenaphthylene	14.080	152	1233836	20.915	ng/ul	99
51) 3-Nitroaniline	14.274	138	186160	18.934	ng/ul	100
52) Acenaphthene	14.421	153	855898	20.446	ng/ul	99
53) 2,4-Dinitrophenol	14.486	184	105962	16.680	ng/ul	92
55) 4-Nitrophenol	14.592	109	114480	17.904	ng/ul	98
56) Dibenzofuran	14.762	168	1180358	20.496	ng/ul	99
57) 2,4-Dinitrotoluene	14.733	165	270711	19.825	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.992	232	230385	19.424	ng/ul	97
59) Diethylphthalate	15.186	149	965737	19.983	ng/ul	99
61) Fluorene	15.409	166	936754	20.427	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.404	204	472469	20.523	ng/ul	100
63) 4-Nitroaniline	15.439	138	175272	19.688	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.498	198	169487	19.786	ng/ul	97
67) N-Nitrosodiphenylamine	15.621	169	774140	21.445	ng/ul	100
68) 4-Bromophenyl-phenylether	16.298	248	283452	21.488	ng/ul	98
69) Hexachlorobenzene	16.415	284	327276	20.735	ng/ul	98
70) Atrazine	16.574	200	255728	20.691	ng/ul	99
71) Pentachlorophenol	16.756	266	200105	20.037	ng/ul	99
72) Phenanthrene	17.145	178	1386350	20.707	ng/ul	99
74) Anthracene	17.233	178	1410532	21.049	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	428040	22.370	ng/uL	100
76) Pentachlorobenzene	14.680	250	412551	21.186	ng/uL	97
77) Carbazole	17.509	167	1238628	21.051	ng/ul	100
78) Di-n-butylphthalate	18.068	149	1596689	20.650	ng/ul	100
80) Fluoranthene	19.162	202	1506866	21.207	ng/ul	98
82) Pyrene	19.521	202	1608063	21.108	ng/ul	98
83) Butylbenzylphthalate	20.421	149	662036	21.029	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.239	252	461308	21.010	ng/ul	98
85) Benzo(a)anthracene	21.309	228	1494347	20.591	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	977378	21.544	ng/ul	99
87) Chrysene	21.368	228	1423355	20.858	ng/ul	98
89) Di-n-octyl phthalate	22.344	149	1620007	20.008	ng/ul	100
90) Benzo(b)fluoranthene	23.338	252	1456604	21.090	ng/ul	98
91) Benzo(k)fluoranthene	23.403	252	1431367	20.699	ng/ul	99
93) Benzo(a)pyrene	24.132	252	1335657	21.258	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.591	276	1679018	22.189	ng/ul	98
95) Dibenzo(a,h)anthracene	27.638	278	1383319	22.353	ng/ul	99
96) Benzo(g,h,i)perylene	28.620	276	1295024	22.302	ng/ul	98

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

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