Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048317.D
Acq On : 30 Oct 2024 11:05
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020193

Quant Time: Oct 30 11:23:00 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	7.710	152	276510	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.504	136	1121749	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	668239	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1242999	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	1044425	20.000	ng/ul	-0.01
88) Perylene-d12	24.268	264	1133203	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	54726	7.792	ng/uL	0.00
4) Pyridine-d5	3.581	84	379624	18.648	ng/ul	0.00
7) Phenol-d5	6.892	99	456234	19.206	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	287420	19.532	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	389699	20.172	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	362304	18.996	ng/ul	-0.01
21) Nitrobenzene-d5	8.869	128	186955	20.328	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	198655	19.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.133	165	362621	19.945	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	458843	18.175	ng/ul	0.00
46) Dimethylphthalate-d6	13.768	166	950824	19.040	ng/ul	-0.01
49) Acenaphthylene-d8	14.051	160	1122794	19.941	ng/ul	0.00
54) 4-Nitrophenol-d4	14.574	143	157727	17.271	ng/ul	0.00
60) Fluorene-d10	15.351	176	814138	19.294	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	142353	17.329	ng/ul	0.00
73) Anthracene-d10	17.198	188	1182948	20.126	ng/ul	-0.01
81) Pyrene-d10	19.492	212	1242054	19.597	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.062	264	1144495	19.148	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	59664	8.036	ng/uL	99
5) Pyridine	3.604	79	398486	19.099	ng/ul	99
6) Benzaldehyde	6.857	77	225388	19.171	ng/ul	97
8) Phenol	6.916	94	465209	18.804	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.139	93	384513	19.454	ng/ul	100
12) 2-Chlorophenol	7.281	128	390028	19.665	ng/ul	98
13) 2-Methylphenol	8.163	108	354070	19.025	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.239	45	595905	19.727	ng/ul	98
16) Acetophenone	8.539	105	568067	18.911	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	289719	18.805	ng/ul	99
18) 4-Methylphenol	8.492	108	382593	18.626	ng/ul	96
19) Hexachloroethane	8.786	117	170033	20.336	ng/ul	96
22) Nitrobenzene	8.916	77	431849	20.208	ng/ul	99
23) Isophorone	9.439	82	798406	19.279	ng/ul	98
25) 2-Nitrophenol	9.622	139	214365	19.629	ng/ul	99
26) 2,4-Dimethylphenol	9.686	107	382348	19.072	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	507682	19.765	ng/ul	100
29) 2,4-Dichlorophenol	10.157	162	355869	19.129	ng/ul	99
30) Naphthalene	10.551	128	1242015	19.824	ng/ul	99
32) 4-Chloroaniline	10.669	127	442336	18.083	ng/ul	99
33) Hexachlorobutadiene	10.839	225	245881	19.835	ng/ul	100
34) Caprolactam	11.445	113	96514	16.267	ng/ul	95
35) 4-Chloro-3-methylphenol	11.804	107	346167	18.494	ng/ul	97
36) 2-Methylnaphthalene	12.169	142	795976	18.848	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.392	142	827216	19.309	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.539	216	431238	20.383	ng/ul	99
40)	Hexachlorocyclopentadiene	12.521	237	243423	19.221	ng/ul	100
41)	2,4,6-Trichlorophenol	12.786	196	265521	19.444	ng/ul	97
42)	2,4,5-Trichlorophenol	12.863	196	277327	19.228	ng/ul	99
43)	1,1'-Biphenyl	13.186	154	1030899	20.114	ng/ul	99
44)	2-Chloronaphthalene	13.227	162	814436	20.507	ng/ul	99
45)	2-Nitroaniline	13.439	65	210894	19.187	ng/ul	99
47)	Dimethylphthalate	13.816	163	961705	19.202	ng/ul	100
48)	2,6-Dinitrotoluene	13.939	165	189090	19.417	ng/ul	95
50)	Acenaphthylene	14.074	152	1302579	21.178	ng/ul	100
51)	3-Nitroaniline	14.268	138	182995	17.852	ng/ul	99
52)	Acenaphthene	14.421	153	858248	19.665	ng/ul	99
53)	2,4-Dinitrophenol	14.480	184	104964	15.847	ng/ul	94
55)	4-Nitrophenol	14.592	109	111279	16.692	ng/ul	96
56)	Dibenzofuran	14.757	168	1167755	19.448	ng/ul	100
57)	2,4-Dinitrotoluene	14.727	165	266280	18.703	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	14.986	232	232150	18.773	ng/ul	95
59)	Diethylphthalate	15.180	149	959164	19.036	ng/ul	99
61)	Fluorene	15.404	166	933885	19.532	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.398	204	473921	19.745	ng/ul	97
63)	4-Nitroaniline	15.433	138	181384	19.542	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.492	198	154193	17.510	ng/ul#	92
67)	N-Nitrosodiphenylamine	15.615	169	767487	20.680	ng/ul	100
68)	4-Bromophenyl-phenylether	16.292	248	280629	20.693	ng/ul	97
69)	Hexachlorobenzene	16.409	284	324642	20.007	ng/ul	99
70)	Atrazine	16.568	200	250861	19.743	ng/ul	97
71)	Pentachlorophenol	16.756	266	188313	18.342	ng/ul	98
72)	Phenanthrene	17.139	178	1375670	19.987	ng/ul	99
74)	Anthracene	17.233	178	1415467	20.546	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.151	216	415526	21.124	ng/uL	99
76)	Pentachlorobenzene	14.680	250	402433	20.103	ng/uL	99
77)	Carbazole	17.504	167	1211360	20.026	ng/ul	99
78)	Di-n-butylphthalate	18.068	149	1581067	19.890	ng/ul	100
80)	Fluoranthene	19.156	202	1482456	20.102	ng/ul	99
82)	Pyrene	19.521	202	1557912	19.703	ng/ul	99
83)	Butylbenzylphthalate	20.415	149	655427	20.059	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.233	252	433428	19.020	ng/ul	99
85)	Benzo(a)anthracene	21.303	228	1479965	19.649	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.227	149	983173	20.881	ng/ul	98
87)	Chrysene	21.368	228	1382366	19.518	ng/ul	99
89)	Di-n-octyl phthalate	22.339	149	1619810	19.106	ng/ul	100
90)	Benzo(b)fluoranthene	23.333	252	1440079	19.914	ng/ul	98
91)	Benzo(k)fluoranthene	23.397	252	1424897	19.679	ng/ul	99
93)	Benzo(a)pyrene	24.127	252	1349760	20.517	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.573	276	1629592	20.568	ng/ul	100
95)	Dibenzo(a,h)anthracene	27.626	278	1377400	21.257	ng/ul	99
96)	Benzo(g,h,i)perylene	28.609	276	1324309	21.781	ng/ul	98

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

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