Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010824\
Data File : BM043797.D
Acq On : 08 Jan 2024 19:31
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020187

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

Quant Time: Jan 09 00:00:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	350898	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.757	136	1426901	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	855976	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1814407	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.527	240	1698406	20.000	ng/ul	0.00
88) Perylene-d12	23.944	264	1895520	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	81019	7.504	ng/uL	-0.01
4) Pyridine-d5	3.787	84	569510	18.328	ng/ul	0.00
7) Phenol-d5	7.122	99	685233	17.166	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	423140	16.738	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.475	132	550264	18.054	ng/ul	-0.01
15) 4-Methylphenol-d8	8.669	113	522845	16.879	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	261695	18.956	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	295197	20.695	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	520717	20.679	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	684123	18.467	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	1481382	19.225	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	1712443	18.734	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	280596	19.240	ng/ul	0.03
60) Fluorene-d10	15.586	176	1260195	19.778	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	230374	19.198	ng/ul	0.02
73) Anthracene-d10	17.445	188	1925317	18.921	ng/ul	0.00
81) Pyrene-d10	19.733	212	2141837	15.973	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	2170410	18.555	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	87341	7.322	ng/uL	98
5) Pyridine	3.805	79	588082	18.300	ng/ul	96
6) Benzaldehyde	7.098	77	327211	17.288	ng/ul	99
8) Phenol	7.151	94	680231	17.321	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	544452	17.077	ng/ul	100
12) 2-Chlorophenol	7.510	128	560807	18.063	ng/ul	98
13) 2-Methylphenol	8.404	108	508690	17.059	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	901986	16.848	ng/ul	99
16) Acetophenone	8.787	105	785246	16.558	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	426016	15.051	ng/ul	99
18) 4-Methylphenol	8.734	108	543086	16.804	ng/ul	96
19) Hexachloroethane	9.016	117	230564	17.612	ng/ul#	83
22) Nitrobenzene	9.169	77	628486	18.395	ng/ul	100
23) Isophorone	9.692	82	1161296	16.756	ng/ul	99
25) 2-Nitrophenol	9.875	139	304162	20.063	ng/ul	98
26) 2,4-Dimethylphenol	9.939	107	510342	18.897	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	695220	16.988	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	502022	20.543	ng/ul	96
30) Naphthalene	10.810	128	1723278	18.950	ng/ul	100
32) 4-Chloroaniline	10.934	127	655200	18.393	ng/ul	99
33) Hexachlorobutadiene	11.069	225	284035	22.797	ng/ul	99
34) Caprolactam	11.739	113	156001	19.976	ng/ul	98
35) 4-Chloro-3-methylphenol	12.063	107	540741	18.839	ng/ul	97
36) 2-Methylnaphthalene	12.416	142	1126583	18.199	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.639	142	1152510	18.459	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.780	216	529071	20.286	ng/ul	95
40)	Hexachlorocyclopentadiene	12.745	237	443849	27.123	ng/ul	97
41)	2,4,6-Trichlorophenol	13.033	196	380879	20.545	ng/ul	97
42)	2,4,5-Trichlorophenol	13.110	196	417113	21.190	ng/ul	98
43)	1,1'-Biphenyl	13.427	154	1465975	17.966	ng/ul	99
44)	2-Chloronaphthalene	13.469	162	1156840	18.492	ng/ul	98
45)	2-Nitroaniline	13.692	65	377710	18.005	ng/ul	97
47)	Dimethylphthalate	14.057	163	1457446	19.152	ng/ul	99
48)	2,6-Dinitrotoluene	14.192	165	295221	20.066	ng/ul	98
50)	Acenaphthylene	14.316	152	1948857	18.566	ng/ul	99
51)	3-Nitroaniline	14.522	138	327548	19.394	ng/ul	98
52)	Acenaphthene	14.657	153	1292854	18.688	ng/ul	99
53)	2,4-Dinitrophenol	14.733	184	214994	27.451	ng/ul	95
55)	4-Nitrophenol	14.839	109	211920	18.713	ng/ul	95
56)	Dibenzofuran	14.992	168	1746824	19.551	ng/ul	96
57)	2,4-Dinitrotoluene	14.980	165	436563	21.003	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	15.221	232	326935	21.678	ng/ul	90
59)	Diethylphthalate	15.421	149	1478491	18.959	ng/ul	98
61)	Fluorene	15.639	166	1503460	19.697	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.639	204	682088	20.315	ng/ul	93
63)	4-Nitroaniline	15.686	138	338380m	21.889	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.739	198	242456	18.925	ng/ul	90
67)	N-Nitrosodiphenylamine	15.857	169	1219919	17.505	ng/ul	99
68)	4-Bromophenyl-phenylether	16.533	248	405592	18.868	ng/ul	94
69)	Hexachlorobenzene	16.639	284	481649	19.558	ng/ul	93
70)	Atrazine	16.815	200	329512	21.571	ng/ul	98
71)	Pentachlorophenol	16.992	266	299733	20.132	ng/ul	98
72)	Phenanthrene	17.386	178	2274529	18.496	ng/ul	100
74)	Anthracene	17.474	178	2325154	18.735	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.386	216	541930	18.187	ng/uL	99
76)	Pentachlorobenzene	14.904	250	548389	18.901	ng/uL	97
77)	Carbazole	17.757	167	2129158	20.101	ng/ul	99
78)	Di-n-butylphthalate	18.315	149	2615617	18.889	ng/ul	99
80)	Fluoranthene	19.398	202	2566119	15.454	ng/ul	94
82)	Pyrene	19.762	202	2704923	15.846	ng/ul	94
83)	Butylbenzylphthalate	20.662	149	1189836	16.122	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.445	252	746637	17.849	ng/ul	97
85)	Benzo(a)anthracene	21.509	228	2653732	18.686	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.439	149	1704293	16.220	ng/ul	99
87)	Chrysene	21.562	228	2402597	18.805	ng/ul	99
89)	Di-n-octyl phthalate	22.374	149	2970999	16.385	ng/ul	100
90)	Benzo(b)fluoranthene	23.203	252	2588603	17.821	ng/ul	98
91)	Benzo(k)fluoranthene	23.256	252	2629955	18.563	ng/ul	98
93)	Benzo(a)pyrene	23.839	252	2478863	18.704	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.462	276	3108564	19.644	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.480	278	2579049	19.682	ng/ul	98
96)	Benzo(g,h,i)perylene	27.238	276	2312896	18.646	ng/ul	94

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

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