Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011222\
Data File : BN018386.D
Acq On : 12 Jan 2022 09:43
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020276

Quant Time: Jan 12 10:57:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 07 01:31:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	521640	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	2320244	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	1359901	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.975	188	2666309	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.174	240	2430901	20.000	ng/ul	# 0.00
88) Perylene-d12	23.392	264	2506417	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	101381	7.813	ng/uL	0.00
4) Pyridine-d5	3.458	84	857995	21.128	ng/ul	0.00
7) Phenol-d5	6.775	99	1058164	20.872	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	677584	20.981	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	805139	21.681	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	825501	20.629	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	385328	22.297	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.457	143	426284	23.077	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	738657	22.009	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	1092307	21.178	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	2220203	22.478	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	2849252	22.819	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	393410	20.872	ng/ul	0.00
60) Fluorene-d10	15.228	176	1815414	21.784	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	313056	20.750	ng/ul	0.00
73) Anthracene-d10	17.075	188	2726380	22.078	ng/ul	0.00
81) Pyrene-d10	19.375	212	3054669	21.905	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.251	264	2826030	22.655	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	111219	7.618	ng/uL	96
5) Pyridine	3.481	79	875503	20.729	ng/ul	94
6) Benzaldehyde	6.728	77	693066	21.524	ng/ul	96
8) Phenol	6.799	94	1110723	21.021	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.022	93	899275	21.109	ng/ul	98
12) 2-Chlorophenol	7.152	128	842560	21.501	ng/ul	97
13) 2-Methylphenol	8.040	108	830745	20.899	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.128	45	1166280	20.629	ng/ul	98
16) Acetophenone	8.405	105	1314351	21.443	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.399	70	699918	20.899	ng/ul	93
18) 4-Methylphenol	8.369	108	897361	21.039	ng/ul	100
19) Hexachloroethane	8.657	117	350892	21.589	ng/ul#	74
22) Nitrobenzene	8.781	77	1022903	22.405	ng/ul	96
23) Isophorone	9.304	82	1983313	21.630	ng/ul	97
25) 2-Nitrophenol	9.487	139	473518	23.026	ng/ul	96
26) 2,4-Dimethylphenol	9.563	107	999877	21.924	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.793	93	1234722	21.647	ng/ul	99
29) 2,4-Dichlorophenol	10.022	162	751879	22.118	ng/ul	94
30) Naphthalene	10.416	128	2675755	21.078	ng/ul	100
32) 4-Chloroaniline	10.528	127	1119676	21.256	ng/ul	96
33) Hexachlorobutadiene	10.716	225	405059	21.851	ng/ul	96
34) Caprolactam	11.269	113	252736	18.914	ng/ul	98
35) 4-Chloro-3-methylphenol	11.675	107	919559	21.615	ng/ul	98
36) 2-Methylnaphthalene	12.040	142	1838434	21.704	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	1874437	21.265	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	782609	22.436	ng/ul#	93
40) Hexachlorocyclopentadiene	12.398	237	452376	22.581	ng/ul	98
41) 2,4,6-Trichlorophenol	12.663	196	554395	23.434	ng/ul	97
42) 2,4,5-Trichlorophenol	12.734	196	603634	24.070	ng/ul	100
43) 1,1'-Biphenyl	13.063	154	2413369	22.788	ng/ul	99
44) 2-Chloronaphthalene	13.098	162	1809973	22.871	ng/ul	91
45) 2-Nitroaniline	13.310	65	578395	23.352	ng/ul	99
47) Dimethylphthalate	13.698	163	2190986	21.855	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	437876	23.049	ng/ul	91
50) Acenaphthylene	13.951	152	2949963	22.419	ng/ul	99
51) 3-Nitroaniline	14.140	138	480895	22.516	ng/ul	98
52) Acenaphthene	14.298	153	1910744	22.037	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	205535	19.209	ng/ul#	82
55) 4-Nitrophenol	14.463	109	340132	21.122	ng/ul	94
56) Dibenzofuran	14.634	168	2624893	21.831	ng/ul	92
57) 2,4-Dinitrotoluene	14.604	165	636443	23.284	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.869	232	457401	22.626	ng/ul#	79
59) Diethylphthalate	15.069	149	2302370	22.246	ng/ul	96
61) Fluorene	15.281	166	2021139	21.827	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	921996	22.268	ng/ul#	86
63) 4-Nitroaniline	15.304	138	451646	23.707	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.369	198	329739	21.441	ng/ul#	82
67) N-Nitrosodiphenylamine	15.498	169	1832596	22.175	ng/ul	97
68) 4-Bromophenyl-phenylether	16.175	248	565748	21.881	ng/ul#	85
69) Hexachlorobenzene	16.292	284	680068	21.941	ng/ul#	86
70) Atrazine	16.457	200	613609	22.642	ng/ul	94
71) Pentachlorophenol	16.639	266	370851	20.961	ng/ul	98
72) Phenanthrene	17.022	178	3263341	21.538	ng/ul	99
74) Anthracene	17.110	178	3282464	21.823	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	896152	23.538	ng/uL	97
76) Pentachlorobenzene	14.557	250	793670	22.297	ng/uL	97
77) Carbazole	17.381	167	3056483	23.087	ng/ul#	96
78) Di-n-butylphthalate	17.963	149	3885551	23.875	ng/ul	99
80) Fluoranthene	19.045	202	3696473	21.869	ng/ul#	93
82) Pyrene	19.404	202	3721645	21.610	ng/ul#	86
83) Butylbenzylphthalate	20.322	149	1692512	23.707	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.098	252	1140079	24.330	ng/ul#	97
85) Benzo(a)anthracene	21.157	228	3520512	22.124	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.110	149	2590759	23.859	ng/ul#	94
87) Chrysene	21.210	228	3420187	21.825	ng/ul	97
89) Di-n-octyl phthalate	21.986	149	4317503	24.039	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	3680813	22.908	ng/ul#	96
91) Benzo(k)fluoranthene	22.768	252	3318978	22.273	ng/ul#	96
93) Benzo(a)pyrene	23.292	252	3350143	21.864	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.645	276	3727723	21.998	ng/ul#	87
95) Dibenzo(a,h)anthracene	25.662	278	3079945	21.555	ng/ul#	92
96) Benzo(g,h,i)perylene	26.333	276	3104423	21.864	ng/ul#	90

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

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