Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021623\
Data File : BN024057.D
Acq On : 16 Feb 2023 16:59
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020256

Quant Time: Feb 17 05:37:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 05:33:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	175481	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	767496	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	517855	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	1101444	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	909161	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	901291	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	34018	7.839	ng/uL	0.00
4) Pyridine-d5	3.646	84	225813	18.759	ng/ul	0.00
7) Phenol-d5	6.999	99	302096	20.138	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	197734	20.888	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	240184	20.586	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	246284	21.015	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	124415	20.306	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	138429	20.121	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	260675	20.332	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	356365	20.567	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	799293	19.970	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	904295	20.394	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	141903	20.610	ng/ul	0.00
60) Fluorene-d10	15.481	176	666424	19.775	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	147999	19.448	ng/ul	0.00
73) Anthracene-d10	17.334	188	1028369	20.496	ng/ul	0.00
81) Pyrene-d10	19.628	212	1161112	21.201	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.651	264	919702	19.946	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	33892	7.384	ng/uL#	89
5) Pyridine	3.664	79	232795	19.236	ng/ul	93
6) Benzaldehyde	6.969	77	142340	21.900	ng/ul	98
8) Phenol	7.028	94	307366	20.298	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.258	93	255402	20.752	ng/ul	98
12) 2-Chlorophenol	7.387	128	245390	20.685	ng/ul	99
13) 2-Methylphenol	8.281	108	234161	20.643	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	332203	21.667	ng/ul	99
16) Acetophenone	8.663	105	397430	21.739	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	217711	22.174	ng/ul	96
18) 4-Methylphenol	8.610	108	261960	21.436	ng/ul	99
19) Hexachloroethane	8.905	117	108147	21.818	ng/ul	92
22) Nitrobenzene	9.040	77	323093	20.785	ng/ul	99
23) Isophorone	9.569	82	595543	20.819	ng/ul	100
25) 2-Nitrophenol	9.752	139	149237	20.735	ng/ul	97
26) 2,4-Dimethylphenol	9.816	107	296468	20.674	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.057	93	364659	20.523	ng/ul	99
29) 2,4-Dichlorophenol	10.287	162	256869	20.660	ng/ul	98
30) Naphthalene	10.687	128	833316	20.247	ng/ul	99
32) 4-Chloroaniline	10.804	127	365272	21.117	ng/ul	100
33) Hexachlorobutadiene	10.963	225	181430	20.350	ng/ul	98
34) Caprolactam	11.593	113	77390m	21.889	ng/ul	
35) 4-Chloro-3-methylphenol	11.934	107	279252	21.376	ng/ul	100
36) 2-Methylnaphthalene	12.298	142	578202	20.866	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	589864	20.923	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.669	216	348147	19.190	ng/ul	94
40) Hexachlorocyclopentadiene	12.646	237	229294	17.442	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	219479	19.063	ng/ul	97
42) 2,4,5-Trichlorophenol	12.987	196	247152	19.823	ng/ul	96
43) 1,1'-Biphenyl	13.316	154	797785	19.349	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	618498	19.296	ng/ul	97
45) 2-Nitroaniline	13.575	65	191695	20.954	ng/ul	97
47) Dimethylphthalate	13.945	163	802265	20.122	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	159603	20.481	ng/ul	95
50) Acenaphthylene	14.204	152	955750	20.246	ng/ul	99
51) 3-Nitroaniline	14.398	138	161831	23.581	ng/ul	95
52) Acenaphthene	14.545	153	661909	20.073	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	92835	17.718	ng/ul	93
55) 4-Nitrophenol	14.710	109	126021	20.680	ng/ul	96
56) Dibenzofuran	14.887	168	942342	20.199	ng/ul	97
57) 2,4-Dinitrotoluene	14.857	165	228765	21.151	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.110	232	212257	19.573	ng/ul	96
59) Diethylphthalate	15.316	149	792382	20.355	ng/ul	98
61) Fluorene	15.534	166	756115	19.775	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.528	204	412288	20.495	ng/ul	100
63) 4-Nitroaniline	15.569	138	147207m	25.035	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.622	198	144698	19.552	ng/ul	100
67) N-Nitrosodiphenylamine	15.745	169	634248	19.981	ng/ul	97
68) 4-Bromophenyl-phenylether	16.422	248	242451	18.786	ng/ul	96
69) Hexachlorobenzene	16.534	284	298261	20.227	ng/ul	95
70) Atrazine	16.704	200	243297	19.620	ng/ul	97
71) Pentachlorophenol	16.886	266	172409	18.407	ng/ul	91
72) Phenanthrene	17.275	178	1172349	19.995	ng/ul	99
74) Anthracene	17.369	178	1185274	20.190	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.281	216	337862	19.123	ng/uL	97
76) Pentachlorobenzene	14.798	250	344379	19.639	ng/uL	98
77) Carbazole	17.645	167	1037921	20.514	ng/ul	100
78) Di-n-butylphthalate	18.204	149	1283164	15.185	ng/ul	99
80) Fluoranthene	19.292	202	1370542	21.033	ng/ul	98
82) Pyrene	19.657	202	1423181	21.456	ng/ul	100
83) Butylbenzylphthalate	20.563	149	522811	20.118	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	407929	19.075	ng/ul	89
85) Benzo(a)anthracene	21.410	228	1270755	20.171	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.339	149	744241	19.300	ng/ul	97
87) Chrysene	21.463	228	1243572	21.331	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	1179779	18.933	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1218017	20.512	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	1160066	20.504	ng/ul	99
93) Benzo(a)pyrene	23.698	252	1032998	20.490	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.257	276	1283514	19.725	ng/ul	99
95) Dibenzo(a,h)anthracene	26.280	278	1054127	19.523	ng/ul	97
96) Benzo(g,h,i)perylene	27.015	276	1054020	20.029	ng/ul	98

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

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