Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011323\
Data File : BN023639.D
Acq On : 12 Jan 2023 11:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020385

Quant Time: Jan 12 23:09:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 03:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	130534	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	603713	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.598	164	384221	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	878624	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	947997	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1036086	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	22699	7.483	ng/uL	0.00
4) Pyridine-d5	3.722	84	169268	18.598	ng/ul	0.00
7) Phenol-d5	7.105	99	216229	18.691	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	136604	19.248	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	172223	19.438	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	172163	18.645	ng/ul	-0.01
21) Nitrobenzene-d5	9.116	128	84251	18.507	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	86569	17.963	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	173536	18.879	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.898	131	275272	19.038	ng/ul	-0.01
46) Dimethylphthalate-d6	14.010	166	511557	17.898	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	611036	19.295	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	106639	18.327	ng/ul	-0.01
60) Fluorene-d10	15.586	176	474372	19.424	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.710	200	84440	15.931	ng/ul	0.00
73) Anthracene-d10	17.445	188	771054	19.611	ng/ul	0.00
81) Pyrene-d10	19.739	212	962064	17.745	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	984036	19.205	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	23808	7.435	ng/uL	97
5) Pyridine	3.746	79	180391	19.362	ng/ul	98
6) Benzaldehyde	7.075	77	87712	19.577	ng/ul	98
8) Phenol	7.128	94	227764	19.341	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.363	93	177064	19.029	ng/ul	99
12) 2-Chlorophenol	7.505	128	178367	19.481	ng/ul	98
13) 2-Methylphenol	8.393	108	168849	19.052	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.481	45	246388	19.799	ng/ul	98
16) Acetophenone	8.775	105	280042	19.622	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.757	70	139362	19.394	ng/ul	99
18) 4-Methylphenol	8.722	108	187944	19.257	ng/ul	96
19) Hexachloroethane	9.028	117	71944	19.646	ng/ul	98
22) Nitrobenzene	9.157	77	219944	19.304	ng/ul	97
23) Isophorone	9.681	82	372091	18.057	ng/ul	98
25) 2-Nitrophenol	9.869	139	98524	18.392	ng/ul	96
26) 2,4-Dimethylphenol	9.934	107	206243	18.971	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	245319	18.354	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	171610	18.658	ng/ul	99
30) Naphthalene	10.810	128	608071	18.736	ng/ul	100
32) 4-Chloroaniline	10.922	127	277224	19.144	ng/ul	100
33) Hexachlorobutadiene	11.093	225	105205	18.493	ng/ul	97
34) Caprolactam	11.698	113	51368	16.629	ng/ul	100
35) 4-Chloro-3-methylphenol	12.051	107	188534	18.799	ng/ul	96
36) 2-Methylnaphthalene	12.422	142	416084	19.232	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	425476	19.250	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	211045	18.572	ng/ul	97
40) Hexachlorocyclopentadiene	12.769	237	103366	14.433	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	136857	18.271	ng/ul	93
42) 2,4,5-Trichlorophenol	13.098	196	152293	18.591	ng/ul	90
43) 1,1'-Biphenyl	13.434	154	559351	18.870	ng/ul	100
44) 2-Chloronaphthalene	13.475	162	438758	19.078	ng/ul	99
45) 2-Nitroaniline	13.681	65	122543	19.322	ng/ul	93
47) Dimethylphthalate	14.057	163	524504	18.262	ng/ul	99
48) 2,6-Dinitrotoluene	14.175	165	100595	18.527	ng/ul	97
50) Acenaphthylene	14.322	152	688514	19.553	ng/ul	99
51) 3-Nitroaniline	14.504	138	98779	18.155	ng/ul	98
52) Acenaphthene	14.663	153	485013	19.537	ng/ul	96
53) 2,4-Dinitrophenol	14.710	184	47877	13.492	ng/ul	87
55) 4-Nitrophenol	14.810	109	91594	19.492	ng/ul	97
56) Dibenzofuran	14.992	168	670927	19.416	ng/ul	98
57) 2,4-Dinitrotoluene	14.963	165	149727	18.890	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.222	232	133120	18.965	ng/ul	98
59) Diethylphthalate	15.416	149	537226	18.673	ng/ul	98
61) Fluorene	15.645	166	548902	19.616	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.639	204	260043	19.089	ng/ul	99
63) 4-Nitroaniline	15.669	138	102553	20.472	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.722	198	85187	16.286	ng/ul#	95
67) N-Nitrosodiphenylamine	15.857	169	453269	18.383	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	157177	17.847	ng/ul	89
69) Hexachlorobenzene	16.645	284	197540	19.141	ng/ul	97
70) Atrazine	16.804	200	157838	17.104	ng/ul	98
71) Pentachlorophenol	16.992	266	119118	18.085	ng/ul	91
72) Phenanthrene	17.386	178	917417	19.487	ng/ul	99
74) Anthracene	17.480	178	923901	19.719	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	212865	17.995	ng/uL	95
76) Pentachlorobenzene	14.916	250	210804	17.791	ng/uL	98
77) Carbazole	17.751	167	850174	19.984	ng/ul	99
78) Di-n-butylphthalate	18.316	149	936699	18.545	ng/ul	99
80) Fluoranthene	19.404	202	1109864	17.502	ng/ul	98
82) Pyrene	19.769	202	1188386	17.742	ng/ul	99
83) Butylbenzylphthalate	20.669	149	472774	17.829	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	384301	18.557	ng/ul	96
85) Benzo(a)anthracene	21.521	228	1237556	19.272	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.445	149	727305	18.890	ng/ul	97
87) Chrysene	21.574	228	1167555	19.392	ng/ul	96
89) Di-n-octyl phthalate	22.380	149	1217877	17.032	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1288119	19.518	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	1227517	18.804	ng/ul	99
93) Benzo(a)pyrene	23.857	252	1125276	19.660	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.492	276	1440778	20.368	ng/ul	98
95) Dibenzo(a,h)anthracene	26.509	278	1213041	20.740	ng/ul	99
96) Benzo(g,h,i)perylene	27.274	276	1144176	20.310	ng/ul	93

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

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