Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022148.D
Acq On : 17 Oct 2022 12:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020345

Quant Time: Oct 17 23:08:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	168858	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	819379	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	526544	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1076718	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	949858	20.000	ng/ul	0.00
88) Perylene-d12	24.057	264	775717	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	33558	7.532	ng/uL	0.00
4) Pyridine-d5	3.693	84	263746	19.031	ng/ul	0.00
7) Phenol-d5	7.110	99	310386	18.803	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	193366	18.693	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	231756	20.248	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	248122	18.916	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	123930	20.627	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	131797	21.402	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	234196	20.260	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	354290	18.747	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	662871	18.060	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	800265	19.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	140257	17.902	ng/ul	0.00
60) Fluorene-d10	15.622	176	573834	18.536	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	100603	16.378	ng/ul	0.00
73) Anthracene-d10	17.486	188	879150	18.789	ng/ul	0.00
81) Pyrene-d10	19.786	212	950633	20.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	728878	19.160	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	34866	7.181	ng/uL	99
5) Pyridine	3.711	79	257349	18.719	ng/ul	97
6) Benzaldehyde	7.081	77	178991	21.957	ng/ul	97
8) Phenol	7.140	94	331072	18.895	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	262571	18.837	ng/ul	98
12) 2-Chlorophenol	7.510	128	250367	19.810	ng/ul	98
13) 2-Methylphenol	8.404	108	246097	18.786	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.493	45	368273	18.463	ng/ul	99
16) Acetophenone	8.793	105	398152	18.998	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	210057	18.819	ng/ul	99
18) 4-Methylphenol	8.740	108	275748	18.799	ng/ul	99
19) Hexachloroethane	9.040	117	99850	20.236	ng/ul	96
22) Nitrobenzene	9.175	77	314789	19.842	ng/ul	98
23) Isophorone	9.704	82	590834	18.863	ng/ul	99
25) 2-Nitrophenol	9.893	139	146565	20.167	ng/ul	96
26) 2,4-Dimethylphenol	9.951	107	301443	19.672	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.193	93	366772	18.726	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	242927	20.151	ng/ul	97
30) Naphthalene	10.834	128	831342	18.940	ng/ul	99
32) 4-Chloroaniline	10.951	127	367161	18.741	ng/ul	99
33) Hexachlorobutadiene	11.116	225	131824	19.929	ng/ul	97
34) Caprolactam	11.734	113	83161	17.754	ng/ul	99
35) 4-Chloro-3-methylphenol	12.081	107	282560	19.441	ng/ul	99
36) 2-Methylnaphthalene	12.451	142	569995	18.804	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	567097	18.682	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.822	216	262624	19.227	ng/ul	94
40) Hexachlorocyclopentadiene	12.792	237	111827	14.645	ng/ul	91
41) 2,4,6-Trichlorophenol	13.063	196	188436	20.232	ng/ul	96
42) 2,4,5-Trichlorophenol	13.134	196	201835	19.459	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	729717	18.984	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	577168	19.217	ng/ul	96
45) 2-Nitroaniline	13.716	65	187286	20.129	ng/ul	99
47) Dimethylphthalate	14.086	163	701558	17.782	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	145637	19.707	ng/ul	99
50) Acenaphthylene	14.351	152	894134	19.102	ng/ul	99
51) 3-Nitroaniline	14.539	138	166235	19.051	ng/ul	99
52) Acenaphthene	14.692	153	620086	18.681	ng/ul	97
53) 2,4-Dinitrophenol	14.751	184	71788	14.340	ng/ul	98
55) 4-Nitrophenol	14.845	109	112558	17.719	ng/ul	98
56) Dibenzofuran	15.028	168	844480	18.644	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	213533	19.723	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.257	232	164285	19.032	ng/ul	98
59) Diethylphthalate	15.451	149	731919	18.264	ng/ul	96
61) Fluorene	15.680	166	678090	18.622	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.675	204	308598	18.087	ng/ul	98
63) 4-Nitroaniline	15.710	138	172127	21.141	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	105636	16.018	ng/ul	99
67) N-Nitrosodiphenylamine	15.886	169	593229	19.052	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	185899	19.545	ng/ul	98
69) Hexachlorobenzene	16.686	284	225226	19.453	ng/ul	92
70) Atrazine	16.845	200	199787	19.053	ng/ul	97
71) Pentachlorophenol	17.033	266	130462	18.222	ng/ul	91
72) Phenanthrene	17.427	178	1076642	18.536	ng/ul	98
74) Anthracene	17.522	178	1100337	19.073	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.428	216	266788	19.700	ng/uL	98
76) Pentachlorobenzene	14.945	250	275330	18.941	ng/uL	92
77) Carbazole	17.792	167	1045402	19.591	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1275077	19.280	ng/ul	99
80) Fluoranthene	19.451	202	1222794	20.598	ng/ul	98
82) Pyrene	19.816	202	1252479	20.167	ng/ul	99
83) Butylbenzylphthalate	20.710	149	576434	21.393	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	349029	16.991	ng/ul	100
85) Benzo(a)anthracene	21.568	228	1131560	18.644	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.486	149	860135	22.071	ng/ul	99
87) Chrysene	21.621	228	1004962	17.230	ng/ul	97
89) Di-n-octyl phthalate	22.433	149	1450146	26.385	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1018750	20.823	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	926469	19.167	ng/ul	98
93) Benzo(a)pyrene	23.939	252	813823	18.611	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.639	276	878371	16.071	ng/ul	96
95) Dibenzo(a,h)anthracene	26.662	278	794601	16.250	ng/ul	97
96) Benzo(g,h,i)perylene	27.445	276	761217	15.481	ng/ul	98

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

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