Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022100.D
Acq On : 13 Oct 2022 23:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020341

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 00:23:43 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	7.958	152	157456	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	738394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	466861	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	966217	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	985358	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	1001441	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	33789	8.133	ng/uL	0.00
4) Pyridine-d5	3.693	84	254568	19.699	ng/ul	0.00
7) Phenol-d5	7.111	99	299486	19.456	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	192066	19.912	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	224247	21.011	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	234226	19.150	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	114080	21.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	119887	21.603	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	218207	20.947	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	340908	20.017	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	671982	20.648	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	766609	21.094	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	142563	20.523	ng/ul	0.00
60) Fluorene-d10	15.622	176	583720	21.265	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	110722	20.087	ng/ul	0.00
73) Anthracene-d10	17.481	188	888188	21.153	ng/ul	0.00
81) Pyrene-d10	19.780	212	1005972	20.505	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	1057462	21.531	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	36581	8.079	ng/uL	95
5) Pyridine	3.711	79	253812	19.798	ng/ul	98
6) Benzaldehyde	7.087	77	180597	23.758	ng/ul	97
8) Phenol	7.140	94	321345	19.668	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	260085	20.010	ng/ul	99
12) 2-Chlorophenol	7.511	128	244914	20.782	ng/ul	97
13) 2-Methylphenol	8.410	108	236950	19.397	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.493	45	370210	19.904	ng/ul	99
16) Acetophenone	8.793	105	391569	20.037	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	206753	19.864	ng/ul	98
18) 4-Methylphenol	8.740	108	261755	19.137	ng/ul	96
19) Hexachloroethane	9.046	117	97459	21.182	ng/ul	97
22) Nitrobenzene	9.181	77	301106	21.061	ng/ul	99
23) Isophorone	9.710	82	577665	20.465	ng/ul	100
25) 2-Nitrophenol	9.899	139	138163	21.096	ng/ul	97
26) 2,4-Dimethylphenol	9.957	107	286712	20.763	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.199	93	355159	20.122	ng/ul	98
29) 2,4-Dichlorophenol	10.428	162	233395	21.484	ng/ul	99
30) Naphthalene	10.840	128	811621	20.519	ng/ul	99
32) 4-Chloroaniline	10.952	127	354200	20.062	ng/ul	99
33) Hexachlorobutadiene	11.122	225	125112	20.988	ng/ul	93
34) Caprolactam	11.740	113	80963m	19.180	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	273713	20.898	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	564863	20.678	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	553180	20.222	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.822	216	263024	21.718	ng/ul	94
40) Hexachlorocyclopentadiene	12.798	237	141659	20.923	ng/ul	89
41) 2,4,6-Trichlorophenol	13.063	196	176738	21.402	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	192880	20.973	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	708546	20.790	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	571481	21.460	ng/ul	98
45) 2-Nitroaniline	13.716	65	179662	21.778	ng/ul	97
47) Dimethylphthalate	14.087	163	714480	20.424	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	140633	21.462	ng/ul	99
50) Acenaphthylene	14.351	152	883232	21.281	ng/ul	99
51) 3-Nitroaniline	14.540	138	163421	21.122	ng/ul	99
52) Acenaphthene	14.692	153	614804	20.890	ng/ul	96
53) 2,4-Dinitrophenol	14.745	184	79801	17.978	ng/ul	96
55) 4-Nitrophenol	14.845	109	113769	20.199	ng/ul	99
56) Dibenzofuran	15.028	168	844605	21.030	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	204945	21.350	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	161958	21.161	ng/ul	96
59) Diethylphthalate	15.451	149	713363	20.077	ng/ul	98
61) Fluorene	15.681	166	674053	20.878	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	315560	20.859	ng/ul	98
63) 4-Nitroaniline	15.710	138	169535	23.484	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	118552	20.033	ng/ul	93
67) N-Nitrosodiphenylamine	15.887	169	578901	20.718	ng/ul	97
68) 4-Bromophenyl-phenylether	16.575	248	180760	21.178	ng/ul	89
69) Hexachlorobenzene	16.686	284	217414	20.925	ng/ul	90
70) Atrazine	16.845	200	206793	21.976	ng/ul	98
71) Pentachlorophenol	17.034	266	127380	19.827	ng/ul	96
72) Phenanthrene	17.428	178	1101789	21.139	ng/ul	99
74) Anthracene	17.516	178	1075466	20.774	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.428	216	256697	21.122	ng/uL	98
76) Pentachlorobenzene	14.945	250	263760	20.220	ng/uL	97
77) Carbazole	17.792	167	1018000	21.259	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1265987	21.332	ng/ul	100
80) Fluoranthene	19.451	202	1216378	19.752	ng/ul	99
82) Pyrene	19.810	202	1291255	20.042	ng/ul	99
83) Butylbenzylphthalate	20.710	149	575916	20.604	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.498	252	431650	20.256	ng/ul	98
85) Benzo(a)anthracene	21.569	228	1295371	20.574	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.486	149	871216	21.550	ng/ul	98
87) Chrysene	21.622	228	1231191	20.348	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	1526307	21.511	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1350062	21.375	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	1332582	21.355	ng/ul	98
93) Benzo(a)pyrene	23.945	252	1197740	21.217	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.645	276	1445315	20.484	ng/ul	99
95) Dibenzo(a,h)anthracene	26.657	278	1280698m	20.288	ng/ul	
96) Benzo(g,h,i)perylene	27.445	276	1207694	19.025	ng/ul	98

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

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