Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022118.D
Acq On : 14 Oct 2022 11:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020342

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 00:24:40 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	7.952	152	165850	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	796008	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	511180	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1040214	20.000	ng/ul	-0.01
79) Chrysene-d12	21.586	240	1020794	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	1000789	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	32975	7.536	ng/uL	0.00
4) Pyridine-d5	3.693	84	243403	17.882	ng/ul	0.00
7) Phenol-d5	7.111	99	296369	18.279	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	184894	18.198	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	221197	19.676	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	237320	18.421	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	118174	20.246	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	128746	21.520	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	221966	19.766	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	341818	18.618	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	663740	18.627	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	786176	19.757	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	140280	18.444	ng/ul	0.00
60) Fluorene-d10	15.622	176	567507	18.882	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	105002	17.694	ng/ul	0.00
73) Anthracene-d10	17.481	188	868438	19.211	ng/ul	0.00
81) Pyrene-d10	19.780	212	979695	19.277	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	940555	19.164	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	34039	7.137	ng/uL	97
5) Pyridine	3.711	79	244342	18.095	ng/ul	98
6) Benzaldehyde	7.087	77	171442	21.412	ng/ul	99
8) Phenol	7.140	94	313730	18.230	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	249288	18.208	ng/ul	98
12) 2-Chlorophenol	7.511	128	239361	19.283	ng/ul	97
13) 2-Methylphenol	8.405	108	238682	18.550	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	356858	18.215	ng/ul	100
16) Acetophenone	8.793	105	381004	18.510	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	204274	18.632	ng/ul	97
18) 4-Methylphenol	8.740	108	265925	18.458	ng/ul	100
19) Hexachloroethane	9.040	117	96882	19.991	ng/ul	97
22) Nitrobenzene	9.175	77	295897	19.199	ng/ul	99
23) Isophorone	9.705	82	581159	19.099	ng/ul	100
25) 2-Nitrophenol	9.893	139	140238	19.863	ng/ul	99
26) 2,4-Dimethylphenol	9.952	107	288309	19.368	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.193	93	350093	18.399	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	227490	19.425	ng/ul	98
30) Naphthalene	10.834	128	809464	18.983	ng/ul	99
32) 4-Chloroaniline	10.952	127	350619	18.422	ng/ul	98
33) Hexachlorobutadiene	11.116	225	126885	19.745	ng/ul	90
34) Caprolactam	11.734	113	83058m	18.252	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	273784	19.391	ng/ul	97
36) 2-Methylnaphthalene	12.451	142	548009	18.609	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	545521	18.499	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.816	216	254179	19.168	ng/ul	96
40) Hexachlorocyclopentadiene	12.793	237	138178	18.639	ng/ul	92
41) 2,4,6-Trichlorophenol	13.063	196	174916	19.345	ng/ul	95
42) 2,4,5-Trichlorophenol	13.128	196	196290	19.493	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	706374	18.929	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	545418	18.706	ng/ul	95
45) 2-Nitroaniline	13.716	65	182307	20.182	ng/ul	99
47) Dimethylphthalate	14.087	163	695956	18.170	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	143708	20.030	ng/ul	95
50) Acenaphthylene	14.351	152	867551	19.091	ng/ul	99
51) 3-Nitroaniline	14.540	138	160901	18.994	ng/ul	99
52) Acenaphthene	14.693	153	596931	18.524	ng/ul	96
53) 2,4-Dinitrophenol	14.745	184	81529	16.775	ng/ul	93
55) 4-Nitrophenol	14.845	109	111091	18.014	ng/ul	96
56) Dibenzofuran	15.028	168	808266	18.381	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	212093	20.179	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	161038	19.216	ng/ul	100
59) Diethylphthalate	15.451	149	720871	18.529	ng/ul	98
61) Fluorene	15.681	166	651584	18.432	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.669	204	304232	18.367	ng/ul	99
63) 4-Nitroaniline	15.704	138	176073	22.275	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	113977	17.890	ng/ul	98
67) N-Nitrosodiphenylamine	15.887	169	576624	19.168	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	188813	20.548	ng/ul	86
69) Hexachlorobenzene	16.681	284	209653	18.743	ng/ul	98
70) Atrazine	16.839	200	197368	19.482	ng/ul	98
71) Pentachlorophenol	17.028	266	135903	19.648	ng/ul	95
72) Phenanthrene	17.422	178	1064966	18.979	ng/ul	96
74) Anthracene	17.516	178	1080014	19.377	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.428	216	259403	19.826	ng/uL	98
76) Pentachlorobenzene	14.945	250	268692	19.133	ng/uL	96
77) Carbazole	17.792	167	1017598	19.739	ng/ul	100
78) Di-n-butylphthalate	18.351	149	1259369	19.711	ng/ul	100
80) Fluoranthene	19.445	202	1213366	19.019	ng/ul	95
82) Pyrene	19.810	202	1261147	18.895	ng/ul	98
83) Butylbenzylphthalate	20.710	149	591271	20.419	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.498	252	416472	18.865	ng/ul	96
85) Benzo(a)anthracene	21.569	228	1236269	18.953	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	904388	21.594	ng/ul	100
87) Chrysene	21.569	228	1236269	19.723	ng/ul	94
89) Di-n-octyl phthalate	22.427	149	1568981	22.127	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1230756	19.498	ng/ul	97
91) Benzo(k)fluoranthene	23.339	252	1209935	19.402	ng/ul	98
93) Benzo(a)pyrene	23.939	252	1040559	18.445	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	1111629	15.765	ng/ul	97
95) Dibenzo(a,h)anthracene	26.657	278	1036014	16.423	ng/ul	98
96) Benzo(g,h,i)perylene	27.445	276	949459m	14.967	ng/ul	

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

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