Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022168.D
Acq On : 18 Oct 2022 03:16
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020347

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 04:16:56 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	198389	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	970430	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	601885	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1248163	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	1115733	20.000	ng/ul	-0.01
88) Perylene-d12	24.045	264	970069	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	37398	7.145	ng/uL	0.00
4) Pyridine-d5	3.687	84	305639	18.771	ng/ul	0.00
7) Phenol-d5	7.105	99	370246	19.090	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.275	67	224923	18.507	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.475	132	274719	20.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	296462	19.237	ng/ul	-0.01
21) Nitrobenzene-d5	9.128	128	146332	20.564	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.857	143	155961	21.384	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	281945	20.594	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.922	131	419958	18.763	ng/ul	-0.01
46) Dimethylphthalate-d6	14.040	166	799582	19.057	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	936966	19.998	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	165894	18.524	ng/ul	0.00
60) Fluorene-d10	15.622	176	676007	19.103	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	116643	16.381	ng/ul	0.00
73) Anthracene-d10	17.481	188	1072671	19.776	ng/ul	0.00
81) Pyrene-d10	19.781	212	1121438	20.188	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	875303	18.399	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	41162	7.215	ng/uL	96
5) Pyridine	3.711	79	301675	18.677	ng/ul	96
6) Benzaldehyde	7.081	77	210389	21.967	ng/ul	98
8) Phenol	7.134	94	391445	19.015	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	304332	18.583	ng/ul	98
12) 2-Chlorophenol	7.505	128	295830	19.923	ng/ul	99
13) 2-Methylphenol	8.405	108	294776	19.152	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.493	45	431984	18.433	ng/ul	99
16) Acetophenone	8.787	105	471649	19.155	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	246635	18.807	ng/ul	99
18) 4-Methylphenol	8.734	108	324695	18.841	ng/ul	95
19) Hexachloroethane	9.040	117	115142	19.862	ng/ul	96
22) Nitrobenzene	9.175	77	367166	19.541	ng/ul	98
23) Isophorone	9.705	82	697706	18.808	ng/ul	99
25) 2-Nitrophenol	9.887	139	178933	20.788	ng/ul	98
26) 2,4-Dimethylphenol	9.952	107	354504	19.534	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	429132	18.500	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	285831	20.019	ng/ul	97
30) Naphthalene	10.828	128	971921	18.696	ng/ul	99
32) 4-Chloroaniline	10.952	127	432001	18.618	ng/ul	99
33) Hexachlorobutadiene	11.110	225	156580	19.987	ng/ul	97
34) Caprolactam	11.734	113	97791m	17.627	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	331809	19.276	ng/ul	98
36) 2-Methylnaphthalene	12.446	142	682470	19.010	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	675807	18.798	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.816	216	314224	20.125	ng/ul	95
40) Hexachlorocyclopentadiene	12.787	237	130262	14.923	ng/ul	88
41) 2,4,6-Trichlorophenol	13.057	196	220957	20.754	ng/ul	98
42) 2,4,5-Trichlorophenol	13.128	196	237962	20.070	ng/ul	95
43) 1,1'-Biphenyl	13.457	154	860735	19.590	ng/ul	97
44) 2-Chloronaphthalene	13.498	162	682930	19.892	ng/ul	96
45) 2-Nitroaniline	13.710	65	220156	20.699	ng/ul	98
47) Dimethylphthalate	14.087	163	836940	18.558	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	174657	20.675	ng/ul	95
50) Acenaphthylene	14.351	152	1043831	19.509	ng/ul	98
51) 3-Nitroaniline	14.540	138	200047	20.056	ng/ul	95
52) Acenaphthene	14.687	153	726796	19.155	ng/ul	97
53) 2,4-Dinitrophenol	14.745	184	71348	12.468	ng/ul	91
55) 4-Nitrophenol	14.845	109	134868	18.574	ng/ul	98
56) Dibenzofuran	15.022	168	982482	18.975	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	257998	20.847	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	199652	20.234	ng/ul	98
59) Diethylphthalate	15.445	149	858651	18.744	ng/ul	98
61) Fluorene	15.675	166	802514	19.280	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.669	204	368717	18.905	ng/ul	98
63) 4-Nitroaniline	15.704	138	202322	21.739	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	121082	15.839	ng/ul#	95
67) N-Nitrosodiphenylamine	15.887	169	699954	19.391	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	226873	20.576	ng/ul	88
69) Hexachlorobenzene	16.681	284	260453	19.405	ng/ul	90
70) Atrazine	16.845	200	239062	19.666	ng/ul	98
71) Pentachlorophenol	17.034	266	144172	17.371	ng/ul	94
72) Phenanthrene	17.428	178	1265173	18.790	ng/ul	98
74) Anthracene	17.516	178	1268941	18.974	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	321207	20.460	ng/uL	98
76) Pentachlorobenzene	14.940	250	328776	19.511	ng/uL	97
77) Carbazole	17.792	167	1203552	19.457	ng/ul	98
78) Di-n-butylphthalate	18.351	149	1513963	19.748	ng/ul	100
80) Fluoranthene	19.445	202	1426896	20.463	ng/ul	97
82) Pyrene	19.810	202	1472781	20.189	ng/ul	100
83) Butylbenzylphthalate	20.710	149	692581	21.882	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	443435	18.377	ng/ul	94
85) Benzo(a)anthracene	21.563	228	1344034	18.852	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.480	149	1037496	22.664	ng/ul	100
87) Chrysene	21.616	228	1242181	18.131	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	1779734	25.894	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1220492	19.948	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	1167978	19.322	ng/ul	99
93) Benzo(a)pyrene	23.939	252	976200	17.852	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.633	276	1105366	16.173	ng/ul	95
95) Dibenzo(a,h)anthracene	26.657	278	959219	15.687	ng/ul	98
96) Benzo(g,h,i)perylene	27.433	276	921128	14.980	ng/ul	98

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

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