Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022819.D
Acq On : 22 Nov 2022 11:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020368

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 23 05:42:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	70329	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	338785	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	223185	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	455743	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	442140	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	428355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	15780	7.660	ng/uL	0.00
4) Pyridine-d5	3.611	84	115575	19.839	ng/ul	0.00
7) Phenol-d5	7.016	99	138016	20.778	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	89635	22.507	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	103084	21.191	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	116078	22.136	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	54730	20.871	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	61325	20.959	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	107535	21.558	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	167868	22.093	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	342654	21.108	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	384617	21.503	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	63065	19.487	ng/ul	0.00
60) Fluorene-d10	15.510	176	279952	21.027	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	55504	19.160	ng/ul	0.00
73) Anthracene-d10	17.369	188	433447	21.720	ng/ul	0.00
81) Pyrene-d10	19.674	212	482213	21.045	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	468071	21.737	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	16254	7.415	ng/uL#	94
5) Pyridine	3.634	79	117270	20.303	ng/ul	93
6) Benzaldehyde	6.987	77	66321	19.735	ng/ul	98
8) Phenol	7.040	94	147357	21.300	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	117057	21.714	ng/ul	100
12) 2-Chlorophenol	7.404	128	112877	21.731	ng/ul	97
13) 2-Methylphenol	8.304	108	110981	21.552	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	170785	24.000	ng/ul	97
16) Acetophenone	8.687	105	192497	22.999	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.669	70	106849	23.953	ng/ul	96
18) 4-Methylphenol	8.634	108	126175	22.566	ng/ul	97
19) Hexachloroethane	8.922	117	48745	22.165	ng/ul	99
22) Nitrobenzene	9.069	77	154985	21.815	ng/ul	99
23) Isophorone	9.593	82	294025	21.636	ng/ul	99
25) 2-Nitrophenol	9.781	139	68509	21.297	ng/ul	93
26) 2,4-Dimethylphenol	9.846	107	151138	21.902	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	169640	21.646	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	111124	21.918	ng/ul	98
30) Naphthalene	10.716	128	394634	21.946	ng/ul	99
32) 4-Chloroaniline	10.840	127	170914	21.539	ng/ul	97
33) Hexachlorobutadiene	10.987	225	70782	22.681	ng/ul	99
34) Caprolactam	11.628	113	38088m	19.802	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	144285	21.821	ng/ul	100
36) 2-Methylnaphthalene	12.334	142	273606	22.335	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	271676	22.124	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.698	216	131657	21.977	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	68245	19.512	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	87606	20.597	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	94903	21.070	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	353586	21.584	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	275713	21.599	ng/ul	95
45) 2-Nitroaniline	13.610	65	102313	22.070	ng/ul	94
47) Dimethylphthalate	13.981	163	356894	20.917	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	73075	21.158	ng/ul	98
50) Acenaphthylene	14.239	152	436640	21.852	ng/ul	98
51) 3-Nitroaniline	14.439	138	69778	18.763	ng/ul	99
52) Acenaphthene	14.581	153	305961	21.581	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	37345	15.472	ng/ul	93
55) 4-Nitrophenol	14.751	109	65916	20.548	ng/ul	98
56) Dibenzofuran	14.916	168	409697	21.871	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	106253	21.125	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.145	232	83713	21.701	ng/ul	98
59) Diethylphthalate	15.345	149	381535	21.097	ng/ul	100
61) Fluorene	15.569	166	341774	21.848	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.563	204	163155	22.126	ng/ul	97
63) 4-Nitroaniline	15.604	138	59351	17.896	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.663	198	58302	19.471	ng/ul#	98
67) N-Nitrosodiphenylamine	15.781	169	290613	21.298	ng/ul	97
68) 4-Bromophenyl-phenylether	16.457	248	99574	22.187	ng/ul	97
69) Hexachlorobenzene	16.569	284	117599	22.416	ng/ul	93
70) Atrazine	16.739	200	101015	20.769	ng/ul	95
71) Pentachlorophenol	16.922	266	65288	19.587	ng/ul	89
72) Phenanthrene	17.316	178	534633	21.765	ng/ul	97
74) Anthracene	17.404	178	548847	22.058	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	129564	21.558	ng/uL	98
76) Pentachlorobenzene	14.834	250	143902	22.185	ng/uL	99
77) Carbazole	17.680	167	487115	21.070	ng/ul	99
78) Di-n-butylphthalate	18.245	149	653636	19.866	ng/ul	99
80) Fluoranthene	19.339	202	609059	21.298	ng/ul	100
82) Pyrene	19.704	202	624164	21.307	ng/ul	100
83) Butylbenzylphthalate	20.604	149	308342	20.678	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.392	252	205434	21.058	ng/ul	92
85) Benzo(a)anthracene	21.457	228	618376	21.179	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	466346	21.189	ng/ul	99
87) Chrysene	21.510	228	561856	20.321	ng/ul	92
89) Di-n-octyl phthalate	22.298	149	808922	21.472	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	629848	21.697	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	590124	21.416	ng/ul	97
93) Benzo(a)pyrene	23.757	252	531014	21.581	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.368	276	596412	21.313	ng/ul	99
95) Dibenzo(a,h)anthracene	26.386	278	526969	21.010	ng/ul	97
96) Benzo(g,h,i)perylene	27.139	276	508274	20.831	ng/ul	99

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

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