Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
Data File : BN018610.D
Acq On : 15 Feb 2022 11:50
Operator : CG/JU
Sample : SSTD01017
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 15 17:42:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 15 17:38:23 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010224

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

02/16/2022
Supervised By :mohammad ahmed

02/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	236300	20.000	ng/ul	0.00
20) Naphthalene-d8	10.713	136	943633	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.543	164	553928	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	1035213	20.000	ng/ul	0.00
79) Chrysene-d12	21.458	240	1037521	20.000	ng/ul	# 0.00
88) Perylene-d12	23.846	264	825179	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	24455	4.560	ng/uL	0.02
4) Pyridine-d5	3.686	84	198789	10.939	ng/ul	0.00
7) Phenol-d5	7.042	99	198436	10.362	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	134396	11.556	ng/ul	0.00
11) 2-Chlorophenol-d4	7.425	132	168602	11.086	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	161916	10.966	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	72432	10.216	ng/ul	0.02
24) 2-Nitrophenol-d4	9.790	143	78111	10.207	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.331	165	158670	10.779	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	209725	10.890	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	433416	10.936	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	613492	11.304	ng/ul	0.00
54) 4-Nitrophenol-d4	14.700	143	64095	9.600	ng/ul	-0.02
60) Fluorene-d10	15.534	176	366625	10.940	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.624	200	52979	8.480	ng/ul	-0.02
73) Anthracene-d10	17.381	188	534002	10.569	ng/ul	0.00
81) Pyrene-d10	19.656	212	571797	11.278	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.688	264	495550	11.592	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.303	88	27569	4.004	ng/uL#	85
5) Pyridine	3.708	79	202053	11.328	ng/ul	96
6) Benzaldehyde	7.019	77	127419	11.879	ng/ul	95
8) Phenol	7.087	94	207933	10.717	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.312	93	185181	11.580	ng/ul	100
12) 2-Chlorophenol	7.470	128	170104	10.850	ng/ul#	83
13) 2-Methylphenol	8.348	108	148466	10.313	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.438	45	248301	11.580	ng/ul	98
16) Acetophenone	8.709	105	254846	11.491	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.709	70	131044	11.613	ng/ul#	94
18) 4-Methylphenol	8.664	108	175318	11.259	ng/ul	100
19) Hexachloroethane	9.002	117	72284	11.001	ng/ul#	81
22) Nitrobenzene	9.092	77	190411	10.634	ng/ul	97
23) Isophorone	9.632	82	333447	10.873	ng/ul#	91
25) 2-Nitrophenol	9.812	139	89600	10.608	ng/ul	99
26) 2,4-Dimethylphenol	9.880	107	192535	10.770	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.105	93	226934	11.008	ng/ul	100
29) 2,4-Dichlorophenol	10.353	162	169320	11.055	ng/ul	96
30) Naphthalene	10.759	128	570848	10.978	ng/ul	100
32) 4-Chloroaniline	10.871	127	222093	11.183	ng/ul	98
33) Hexachlorobutadiene	11.051	225	113948	10.621	ng/ul	99
34) Caprolactam	11.592	113	37572	9.384	ng/ul	96
35) 4-Chloro-3-methylphenol	11.975	107	166964	10.989	ng/ul	93
36) 2-Methylnaphthalene	12.358	142	363368	10.980	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	401366	11.480	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.741	216	220013	11.035	ng/ul	97
40) Hexachlorocyclopentadiene	12.718	237	119744	9.776	ng/ul	95
41) 2,4,6-Trichlorophenol	12.966	196	118877m	10.797	ng/ul	
42) 2,4,5-Trichlorophenol	13.034	196	128941	10.913	ng/ul	99
43) 1,1'-Biphenyl	13.371	154	522578	11.061	ng/ul	98
44) 2-Chloronaphthalene	13.417	162	407031	11.147	ng/ul	97
45) 2-Nitroaniline	13.597	65	83815	10.002	ng/ul#	84
47) Dimethylphthalate	13.980	163	427141	10.903	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	70979	9.923	ng/ul#	69
50) Acenaphthylene	14.250	152	591455	11.197	ng/ul	100
51) 3-Nitroaniline	14.430	138	84961	11.946	ng/ul#	78
52) Acenaphthene	14.610	153	368357	10.783	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	38014	8.328	ng/ul#	85
55) 4-Nitrophenol	14.723	109	66321	10.893	ng/ul	87
56) Dibenzofuran	14.926	168	559802	11.330	ng/ul	89
57) 2,4-Dinitrotoluene	14.881	165	118566	11.230	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.151	232	94374	10.722	ng/ul#	65
59) Diethylphthalate	15.354	149	433863	10.890	ng/ul	100
61) Fluorene	15.579	166	475487	11.753	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.579	204	239732	11.490	ng/ul	97
63) 4-Nitroaniline	15.579	138	79807	13.866	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.647	198	68895	10.139	ng/ul	96
67) N-Nitrosodiphenylamine	15.782	169	413197	11.398	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	116959	10.594	ng/ul#	62
69) Hexachlorobenzene	16.593	284	158654	10.737	ng/ul	93
70) Atrazine	16.728	200	141647	11.236	ng/ul	97
71) Pentachlorophenol	16.930	266	74534	8.842	ng/ul	98
72) Phenanthrene	17.313	178	721878	11.531	ng/ul	98
74) Anthracene	17.404	178	718011	11.610	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.349	216	224242	10.565	ng/uL	97
76) Pentachlorobenzene	14.858	250	205100	11.038	ng/uL	97
77) Carbazole	17.674	167	601163	11.122	ng/ul	99
78) Di-n-butylphthalate	18.237	149	610859	10.591	ng/ul	99
80) Fluoranthene	19.341	202	640688	10.602	ng/ul#	86
82) Pyrene	19.701	202	700375	10.538	ng/ul#	87
83) Butylbenzylphthalate	20.580	149	155545	9.476	ng/ul#	69
84) 3,3'-Dichlorobenzidine	21.368	252	227618	12.411	ng/ul	99
85) Benzo(a)anthracene	21.436	228	721216	11.322	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	427376	11.290	ng/ul#	95
87) Chrysene	21.481	228	578068	10.734	ng/ul	98
89) Di-n-octyl phthalate	22.292	149	592253	10.497	ng/ul	100
90) Benzo(b)fluoranthene	23.125	252	717410	12.542	ng/ul	98
91) Benzo(k)fluoranthene	23.170	252	588244m	11.596	ng/ul	
93) Benzo(a)pyrene	23.756	252	632205	11.690	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.346	276	707340	11.514	ng/ul	98
95) Dibenzo(a,h)anthracene	26.369	278	603681	11.600	ng/ul	97
96) Benzo(g,h,i)perylene	27.112	276	599160	11.438	ng/ul	97

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

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