Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
Data File : BN018615.D
Acq On : 15 Feb 2022 16:51
Operator : CG/JU
Sample : SSTD02018
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 15 17:44:44 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 :
SSTD020229

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	203872	20.000	ng/ul	0.00
20) Naphthalene-d8	10.713	136	737949	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.543	164	415797	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	753624	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.458	240	774805	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	729192	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	39312	8.497	ng/uL	0.00
4) Pyridine-d5	3.685	84	323511	20.634	ng/ul	0.00
7) Phenol-d5	7.042	99	360327	21.809	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	204005	20.332	ng/ul	0.00
11) 2-Chlorophenol-d4	7.425	132	285233	21.738	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	273153	21.443	ng/ul	0.00
21) Nitrobenzene-d5	9.047	128	126323	22.784	ng/ul	0.00
24) 2-Nitrophenol-d4	9.790	143	133009	22.224	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	256415	22.275	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	329826	21.899	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	649665	21.837	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	912092	22.388	ng/ul	0.00
54) 4-Nitrophenol-d4	14.723	143	102752	20.502	ng/ul	0.00
60) Fluorene-d10	15.534	176	535974	21.306	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	87465	19.232	ng/ul	0.00
73) Anthracene-d10	17.381	188	795385	21.624	ng/ul	0.00
81) Pyrene-d10	19.679	212	834218	22.033	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.711	264	844236	22.348	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.303	88	55579	9.355	ng/uL	96
5) Pyridine	3.708	79	301245	19.576	ng/ul	93
6) Benzaldehyde	7.019	77	203393	21.978	ng/ul	97
8) Phenol	7.064	94	346312	20.687	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.312	93	295778	21.439	ng/ul	95
12) 2-Chlorophenol	7.447	128	287743	21.272	ng/ul	99
13) 2-Methylphenol	8.326	108	257451	20.729	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	399672	21.604	ng/ul	98
16) Acetophenone	8.709	105	412513	21.559	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.709	70	206933	21.255	ng/ul#	94
18) 4-Methylphenol	8.664	108	284097	21.147	ng/ul	98
19) Hexachloroethane	8.979	117	120403	21.239	ng/ul#	71
22) Nitrobenzene	9.092	77	318621	22.755	ng/ul	99
23) Isophorone	9.632	82	518060	21.601	ng/ul#	87
25) 2-Nitrophenol	9.812	139	154608	23.406	ng/ul	94
26) 2,4-Dimethylphenol	9.880	107	300038	21.462	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.105	93	355756	22.066	ng/ul	99
29) 2,4-Dichlorophenol	10.353	162	266651	22.263	ng/ul	95
30) Naphthalene	10.758	128	894071	21.987	ng/ul	100
32) 4-Chloroaniline	10.849	127	340217	21.905	ng/ul	98
33) Hexachlorobutadiene	11.051	225	190395	22.693	ng/ul	100
34) Caprolactam	11.592	113	64694	20.662	ng/ul	96
35) 4-Chloro-3-methylphenol	11.975	107	267782	22.537	ng/ul	94
36) 2-Methylnaphthalene	12.358	142	558841	21.593	ng/ul	98

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37) 1-Methylnaphthalene	12.583	142	616069	22.532	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.741	216	338886	22.643	ng/ul	96
40) Hexachlorocyclopentadiene	12.718	237	195321	21.244	ng/ul	95
41) 2,4,6-Trichlorophenol	12.966	196	186784m	22.600	ng/ul	
42) 2,4,5-Trichlorophenol	13.034	196	198676	22.402	ng/ul	99
43) 1,1'-Biphenyl	13.371	154	802590	22.632	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	618964	22.581	ng/ul	98
45) 2-Nitroaniline	13.597	65	141645	22.518	ng/ul#	85
47) Dimethylphthalate	13.980	163	638476	21.711	ng/ul#	99
48) 2,6-Dinitrotoluene	14.092	165	118110	21.998	ng/ul#	69
50) Acenaphthylene	14.250	152	862282	21.746	ng/ul	100
51) 3-Nitroaniline	14.430	138	90214	16.899	ng/ul#	78
52) Acenaphthene	14.610	153	555063	21.647	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	71389	20.835	ng/ul	84
55) 4-Nitrophenol	14.723	109	105400	23.062	ng/ul	87
56) Dibenzofuran	14.926	168	800551	21.584	ng/ul	88
57) 2,4-Dinitrotoluene	14.881	165	178675	22.546	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.151	232	149780	22.669	ng/ul#	68
59) Diethylphthalate	15.354	149	691033	23.108	ng/ul	99
61) Fluorene	15.579	166	670319	22.073	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.579	204	342223	21.852	ng/ul	99
63) 4-Nitroaniline	15.579	138	67990	15.738	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.646	198	106896	21.610	ng/ul	95
67) N-Nitrosodiphenylamine	15.782	169	595199	22.554	ng/ul	98
68) 4-Bromophenyl-phenylether	16.480	248	170858	21.258	ng/ul#	77
69) Hexachlorobenzene	16.593	284	236938	22.027	ng/ul	96
70) Atrazine	16.728	200	197533	21.524	ng/ul	93
71) Pentachlorophenol	16.930	266	128253	20.900	ng/ul	98
72) Phenanthrene	17.313	178	971401	21.315	ng/ul	97
74) Anthracene	17.403	178	976608	21.692	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.349	216	339782	21.990	ng/uL	98
76) Pentachlorobenzene	14.858	250	304748	22.529	ng/uL	98
77) Carbazole	17.674	167	921074	23.408	ng/ul	98
78) Di-n-butylphthalate	18.237	149	948758	22.597	ng/ul#	98
80) Fluoranthene	19.341	202	1030185	22.827	ng/ul#	88
82) Pyrene	19.701	202	1143239	23.035	ng/ul#	90
83) Butylbenzylphthalate	20.602	149	273721	22.329	ng/ul#	62
84) 3,3'-Dichlorobenzidine	21.368	252	244653	17.863	ng/ul#	96
85) Benzo(a)anthracene	21.436	228	1032424	21.703	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.368	149	512679	18.136	ng/ul#	91
87) Chrysene	21.503	228	994410	24.726	ng/ul	99
89) Di-n-octyl phthalate	22.291	149	902949	18.110	ng/ul	100
90) Benzo(b)fluoranthene	23.125	252	1022397	20.227	ng/ul#	98
91) Benzo(k)fluoranthene	23.170	252	1009936	22.529	ng/ul#	97
93) Benzo(a)pyrene	23.756	252	1067667	22.342	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.346	276	1210425	22.297	ng/ul	97
95) Dibenzo(a,h)anthracene	26.369	278	1016629	22.107	ng/ul	98
96) Benzo(g,h,i)perylene	27.112	276	1032873	22.313	ng/ul	97

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

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