Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020123\
Data File : BN023890.D
Acq On : 01 Feb 2023 14:58
Operator : CG/JU
Sample : SSTD02061
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 02 01:17:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 01:11:49 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020226

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2023
Supervised By :Yogesh Patel 02/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	146223	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	628701	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	414442	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	933229	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	926916	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	919087	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	29345	8.181	ng/uL	0.00
4) Pyridine-d5	3.664	84	205000	20.252	ng/ul	0.00
7) Phenol-d5	7.022	99	255759	20.030	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	169381	20.990	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	206514	20.684	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	208100	20.544	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	104616	20.509	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	120056	20.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	221161	20.408	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	312290	21.123	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	685291	20.711	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	747110	20.873	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	125892	20.986	ng/ul	0.00
60) Fluorene-d10	15.498	176	573131	20.662	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	131766	19.953	ng/ul	0.00
73) Anthracene-d10	17.351	188	908354	20.907	ng/ul	0.00
81) Pyrene-d10	19.645	212	1081701	19.221	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	970856	20.352	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	30805	8.254	ng/uL	100
5) Pyridine	3.681	79	211921	20.835	ng/ul	100
6) Benzaldehyde	6.993	77	113679	20.474	ng/ul	100
8) Phenol	7.052	94	263649	20.539	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	214864	20.545	ng/ul	100
12) 2-Chlorophenol	7.416	128	213284	21.110	ng/ul	100
13) 2-Methylphenol	8.305	108	196195	20.144	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	284128m	21.006	ng/ul	
16) Acetophenone	8.687	105	334213	21.304	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.669	70	186012	21.599	ng/ul	100
18) 4-Methylphenol	8.640	108	222255	21.067	ng/ul	100
19) Hexachloroethane	8.934	117	87852	20.762	ng/ul	100
22) Nitrobenzene	9.063	77	266143	20.784	ng/ul	100
23) Isophorone	9.593	82	508979	21.059	ng/ul	100
25) 2-Nitrophenol	9.775	139	126093	20.921	ng/ul	100
26) 2,4-Dimethylphenol	9.840	107	248949	20.858	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.081	93	304931	20.651	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	214393	20.501	ng/ul	100
30) Naphthalene	10.710	128	688964	20.235	ng/ul	100
32) 4-Chloroaniline	10.834	127	309054	21.004	ng/ul	100
33) Hexachlorobutadiene	10.993	225	150924	20.595	ng/ul	100
34) Caprolactam	11.616	113	68981m	21.264	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	232244	20.719	ng/ul	100
36) 2-Methylnaphthalene	12.328	142	477618	20.645	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	492072	20.790	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	297470	20.890	ng/ul	100
40) Hexachlorocyclopentadiene	12.669	237	198293	19.341	ng/ul	100
41) 2,4,6-Trichlorophenol	12.940	196	194259	20.676	ng/ul	100
42) 2,4,5-Trichlorophenol	13.010	196	209759	20.611	ng/ul	100
43) 1,1'-Biphenyl	13.340	154	660366	20.220	ng/ul	100
44) 2-Chloronaphthalene	13.381	162	521090	20.506	ng/ul	100
45) 2-Nitroaniline	13.593	65	157945	20.700	ng/ul	100
47) Dimethylphthalate	13.969	163	678350	20.658	ng/ul	100
48) 2,6-Dinitrotoluene	14.093	165	136604	20.982	ng/ul	100
50) Acenaphthylene	14.228	152	800812	20.831	ng/ul	100
51) 3-Nitroaniline	14.422	138	116797	19.929	ng/ul	100
52) Acenaphthene	14.569	153	554168	20.766	ng/ul	100
53) 2,4-Dinitrophenol	14.628	184	89221	19.495	ng/ul	100
55) 4-Nitrophenol	14.734	109	107667	21.112	ng/ul	100
56) Dibenzofuran	14.904	168	790884	20.774	ng/ul	100
57) 2,4-Dinitrotoluene	14.875	165	195208	21.193	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.134	232	188465	20.765	ng/ul	100
59) Diethylphthalate	15.334	149	682025	20.902	ng/ul	100
61) Fluorene	15.557	166	643498	20.669	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.551	204	338816	20.744	ng/ul	100
63) 4-Nitroaniline	15.587	138	108919	21.600	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.640	198	127710	20.086	ng/ul	100
67) N-Nitrosodiphenylamine	15.769	169	561534	20.839	ng/ul	100
68) 4-Bromophenyl-phenylether	16.445	248	231333	21.165	ng/ul	100
69) Hexachlorobenzene	16.557	284	265422	21.020	ng/ul	100
70) Atrazine	16.722	200	224882	20.770	ng/ul	100
71) Pentachlorophenol	16.904	266	163171	20.182	ng/ul	100
72) Phenanthrene	17.298	178	1049632	20.883	ng/ul	100
74) Anthracene	17.387	178	1057852	21.117	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	295444	20.577	ng/uL	100
76) Pentachlorobenzene	14.822	250	297678	20.790	ng/uL	100
77) Carbazole	17.663	167	920225	20.963	ng/ul	100
78) Di-n-butylphthalate	18.222	149	1394328	14.819	ng/ul	100
80) Fluoranthene	19.310	202	1275017	19.408	ng/ul	100
82) Pyrene	19.681	202	1289591	19.299	ng/ul	100
83) Butylbenzylphthalate	20.580	149	553213	19.850	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.369	252	456564	20.972	ng/ul	100
85) Benzo(a)anthracene	21.433	228	1322434	20.588	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.357	149	831609	20.226	ng/ul	100
87) Chrysene	21.486	228	1188469	20.052	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	1378548	19.937	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1300522	20.517	ng/ul	100
91) Benzo(k)fluoranthene	23.169	252	1236817	20.663	ng/ul	100
93) Benzo(a)pyrene	23.739	252	1079685	20.246	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.333	276	1265418	19.668	ng/ul	100
95) Dibenzo(a,h)anthracene	26.345	278	1057258	19.865	ng/ul	100
96) Benzo(g,h,i)perylene	27.104	276	990085	19.540	ng/ul	100

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

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