Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092321\
Data File : BN016418.D
Acq On : 22 Sep 2021 20:58
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV221

Quant Time: Sep 23 03:16:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN092321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 23 03:05:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	231630	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	1025182	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	630484	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1273239	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1239629	20.000	ng/ul	0.00
88) Perylene-d12	23.521	264	1262479	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	42194	7.709	ng/uL	0.00
4) Pyridine-d5	3.599	84	289717	19.221	ng/ul	0.00
7) Phenol-d5	6.834	99	349066	19.025	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	209930	19.513	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	290734	19.993	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	277378	19.332	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	131599	20.045	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	133437	20.282	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	266198	19.565	ng/ul	0.00
31) 4-Chloroaniline-d4	10.575	131	403071	19.468	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	790661	19.593	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	1044738	20.067	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	144495	18.743	ng/ul	0.00
60) Fluorene-d10	15.292	176	693201	19.635	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	108243	18.062	ng/ul	0.00
73) Anthracene-d10	17.145	188	1036483	19.387	ng/ul	0.00
81) Pyrene-d10	19.451	212	1158845	19.814	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.374	264	1203021	19.909	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	44505	7.614	ng/uL	95
5) Pyridine	3.617	79	290031	19.114	ng/ul	90
6) Benzaldehyde	6.805	77	222871	22.765	ng/ul	94
8) Phenol	6.858	94	370047	19.438	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.093	93	290698	19.564	ng/ul	98
12) 2-Chlorophenol	7.222	128	299424	20.053	ng/ul	97
13) 2-Methylphenol	8.099	108	271958	19.284	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.193	45	395583	19.548	ng/ul	98
16) Acetophenone	8.475	105	446050	20.046	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.463	70	214971	20.161	ng/ul	98
18) 4-Methylphenol	8.428	108	301270	19.740	ng/ul	100
19) Hexachloroethane	8.722	117	116614	19.956	ng/ul	95
22) Nitrobenzene	8.846	77	311912	19.901	ng/ul	96
23) Isophorone	9.369	82	591034	19.956	ng/ul	97
25) 2-Nitrophenol	9.552	139	155202	20.607	ng/ul	95
26) 2,4-Dimethylphenol	9.622	107	327027	19.952	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.863	93	386714	19.510	ng/ul	98
29) 2,4-Dichlorophenol	10.081	162	270358	19.855	ng/ul	98
30) Naphthalene	10.481	128	973682	19.498	ng/ul	99
32) 4-Chloroaniline	10.599	127	414226	19.448	ng/ul	99
33) Hexachlorobutadiene	10.769	225	168619	19.649	ng/ul	97
34) Caprolactam	11.351	113	82953	18.539	ng/ul	91
35) 4-Chloro-3-methylphenol	11.728	107	291519	20.124	ng/ul	94
36) 2-Methylnaphthalene	12.104	142	655455	19.669	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	669547	19.766	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.475	216	330167	19.469	ng/ul#	95
40) Hexachlorocyclopentadiene	12.451	237	194796	18.610	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	202358	19.716	ng/ul	98
42) 2,4,5-Trichlorophenol	12.787	196	219417	19.386	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	861808	19.407	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	669672	19.735	ng/ul	99
45) 2-Nitroaniline	13.375	65	165181	20.612	ng/ul	95
47) Dimethylphthalate	13.763	163	809551	19.739	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	148807	20.413	ng/ul#	85
50) Acenaphthylene	14.016	152	1099990	20.047	ng/ul	99
51) 3-Nitroaniline	14.210	138	167269	19.851	ng/ul	92
52) Acenaphthene	14.363	153	696762	19.394	ng/ul	96
53) 2,4-Dinitrophenol	14.416	184	66947	16.136	ng/ul	94
55) 4-Nitrophenol	14.522	109	107017	19.313	ng/ul	96
56) Dibenzofuran	14.698	168	1004770	19.682	ng/ul	97
57) 2,4-Dinitrotoluene	14.669	165	219176	20.915	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.928	232	172276	19.543	ng/ul#	86
59) Diethylphthalate	15.139	149	812720	19.587	ng/ul	97
61) Fluorene	15.351	166	796379	19.557	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	388645	19.441	ng/ul	94
63) 4-Nitroaniline	15.375	138	171831	21.157	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.434	198	114167	18.722	ng/ul#	98
67) N-Nitrosodiphenylamine	15.569	169	683361	19.712	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	228842	19.436	ng/ul	97
69) Hexachlorobenzene	16.351	284	263459	19.450	ng/ul	94
70) Atrazine	16.534	200	234890	19.039	ng/ul	95
71) Pentachlorophenol	16.698	266	142877	18.360	ng/ul	99
72) Phenanthrene	17.092	178	1246287	19.402	ng/ul	99
74) Anthracene	17.181	178	1277875	19.732	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.087	216	346150	19.798	ng/uL	98
76) Pentachlorobenzene	14.616	250	329770	19.510	ng/uL	100
77) Carbazole	17.457	167	1150018	19.945	ng/ul	100
78) Di-n-butylphthalate	18.039	149	1308471	20.131	ng/ul	99
80) Fluoranthene	19.116	202	1437178	19.666	ng/ul	96
82) Pyrene	19.480	202	1477886	19.406	ng/ul	97
83) Butylbenzylphthalate	20.410	149	543710	20.876	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	477004	19.438	ng/ul#	94
85) Benzo(a)anthracene	21.239	228	1433675	19.684	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	864217	20.830	ng/ul#	94
87) Chrysene	21.292	228	1402968	19.691	ng/ul	98
89) Di-n-octyl phthalate	22.086	149	1349991	18.982	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	1472859	20.006	ng/ul#	98
91) Benzo(k)fluoranthene	22.880	252	1345570	19.081	ng/ul#	95
93) Benzo(a)pyrene	23.421	252	1429022	19.997	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	1343872	19.738	ng/ul	99
95) Dibenzo(a,h)anthracene	25.839	278	1380448	19.693	ng/ul	98
96) Benzo(g,h,i)perylene	26.521	276	1343872	19.738	ng/ul	98

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

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