Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017561.D
Acq On : 23 Nov 2021 09:43
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020270

Quant Time: Nov 23 10:13:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	318889	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	1402867	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	877268	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1681735	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	1171588	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	1019043	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	62207	6.972	ng/uL	0.00
4) Pyridine-d5	3.705	84	411139	17.559	ng/ul	0.00
7) Phenol-d5	6.999	99	525047	18.086	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	333151	18.313	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	404386	18.397	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	421403	18.454	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	197180	18.553	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	195309	18.574	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	394867	19.074	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	583491	19.629	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1187302	18.615	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1527121	18.648	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	197239	18.274	ng/ul	0.00
60) Fluorene-d10	15.469	176	988722	18.378	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	150090	17.183	ng/ul	0.00
73) Anthracene-d10	17.316	188	1440398	18.427	ng/ul	0.00
81) Pyrene-d10	19.610	212	1468206	19.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	982984	18.348	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	61128	6.938	ng/uL	97
5) Pyridine	3.722	79	416792	17.689	ng/ul	96
6) Benzaldehyde	6.975	77	350546	22.763	ng/ul	94
8) Phenol	7.028	94	538835	18.326	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.263	93	441978	18.333	ng/ul	96
12) 2-Chlorophenol	7.405	128	412085	18.193	ng/ul	97
13) 2-Methylphenol	8.281	108	407740	18.412	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	602248	18.530	ng/ul	97
16) Acetophenone	8.658	105	654228	19.158	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.646	70	347402	19.518	ng/ul	95
18) 4-Methylphenol	8.605	108	440549	18.570	ng/ul	98
19) Hexachloroethane	8.922	117	174511	18.234	ng/ul	94
22) Nitrobenzene	9.034	77	497527	18.523	ng/ul	97
23) Isophorone	9.557	82	973356	19.361	ng/ul	96
25) 2-Nitrophenol	9.746	139	219612	18.934	ng/ul#	90
26) 2,4-Dimethylphenol	9.810	107	502862	18.747	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.046	93	611459	18.687	ng/ul	98
29) 2,4-Dichlorophenol	10.281	162	387993	18.587	ng/ul	98
30) Naphthalene	10.687	128	1376244	18.337	ng/ul	99
32) 4-Chloroaniline	10.787	127	587380	19.474	ng/ul	99
33) Hexachlorobutadiene	10.987	225	253022	18.428	ng/ul	99
34) Caprolactam	11.534	113	123197	19.460	ng/ul	99
35) 4-Chloro-3-methylphenol	11.916	107	460238	19.597	ng/ul	96
36) 2-Methylnaphthalene	12.299	142	943906	18.844	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	969645	19.118	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	465510	17.890	ng/ul	98
40) Hexachlorocyclopentadiene	12.657	237	281366	16.860	ng/ul	97
41) 2,4,6-Trichlorophenol	12.904	196	301218	18.949	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	326343	18.827	ng/ul	97
43) 1,1'-Biphenyl	13.310	154	1273986	18.413	ng/ul	100
44) 2-Chloronaphthalene	13.351	162	951140	18.079	ng/ul	97
45) 2-Nitroaniline	13.546	65	279840	19.218	ng/ul	93
47) Dimethylphthalate	13.934	163	1192366	18.860	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	233710	19.697	ng/ul	89
50) Acenaphthylene	14.198	152	1576445	18.888	ng/ul	98
51) 3-Nitroaniline	14.369	138	243634	19.395	ng/ul	86
52) Acenaphthene	14.540	153	995116	18.492	ng/ul	98
53) 2,4-Dinitrophenol	14.575	184	93424	15.663	ng/ul	90
55) 4-Nitrophenol	14.675	109	169736	18.030	ng/ul	85
56) Dibenzofuran	14.875	168	1396537	18.078	ng/ul	94
57) 2,4-Dinitrotoluene	14.834	165	327282	19.466	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.098	232	237681	18.533	ng/ul	97
59) Diethylphthalate	15.298	149	1199085	18.938	ng/ul	97
61) Fluorene	15.522	166	1068598	18.427	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.522	204	525224	18.560	ng/ul	94
63) 4-Nitroaniline	15.534	138	220711	20.839	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	155599	17.743	ng/ul#	91
67) N-Nitrosodiphenylamine	15.728	169	960787	18.953	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	308802	18.597	ng/ul	95
69) Hexachlorobenzene	16.534	284	329326	18.610	ng/ul	93
70) Atrazine	16.681	200	342127	19.110	ng/ul	98
71) Pentachlorophenol	16.869	266	179924	17.881	ng/ul	95
72) Phenanthrene	17.263	178	1700553	18.533	ng/ul	99
74) Anthracene	17.351	178	1689291	18.565	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	487661	18.494	ng/uL	98
76) Pentachlorobenzene	14.798	250	437420	18.244	ng/uL	99
77) Carbazole	17.616	167	1497907	19.180	ng/ul	98
78) Di-n-butylphthalate	18.198	149	1838413	19.371	ng/ul	99
80) Fluoranthene	19.281	202	1793209	20.044	ng/ul	100
82) Pyrene	19.639	202	1791232	19.999	ng/ul	99
83) Butylbenzylphthalate	20.551	149	671428	20.534	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.327	252	434252	19.485	ng/ul	95
85) Benzo(a)anthracene	21.392	228	1461660	18.834	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	929912	19.650	ng/ul#	97
87) Chrysene	21.445	228	1383593	18.143	ng/ul	100
89) Di-n-octyl phthalate	22.251	149	1404468	18.146	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1295708	18.389	ng/ul	96
91) Benzo(k)fluoranthene	23.104	252	1170856	17.598	ng/ul	98
93) Benzo(a)pyrene	23.669	252	1243123	18.582	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.215	276	1296776	18.668	ng/ul	99
95) Dibenzo(a,h)anthracene	26.233	278	1105181	18.731	ng/ul	97
96) Benzo(g,h,i)perylene	26.957	276	1121444	18.888	ng/ul	96

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

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