Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009470.D
Acq On : 29 Jan 2020 03:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 29 03:47:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 03:33:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	196925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	839676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	513087	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	1054097	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	930694	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	982707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	34924	7.33	ng/uL	0.00
5) Phenol-d5	6.65	99	320970	18.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	215941	17.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	247763	19.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	249017	17.92	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	120351	19.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	131441	20.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	249578	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	307018	20.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	697070	18.36	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	847365	18.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	127644	18.06	ng/ul	0.00
57) Fluorene-d10	15.09	176	606123	18.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	110552	17.32	ng/ul	0.00
70) Anthracene-d10	16.95	188	910483	18.67	ng/ul	0.00
78) Pyrene-d10	19.25	212	967676	19.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	946062	19.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	37776	7.128	ng/uL	88
4) Benzaldehyde	6.62	77	131109	14.304	ng/ul	96
6) Phenol	6.68	94	344967	18.856	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.90	93	266567	18.168	ng/ul	99
10) 2-Chlorophenol	7.03	128	262076	19.758	ng/ul	98
11) 2-Methylphenol	7.90	108	254435	18.832	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	622811	16.155	ng/ul	98
14) Acetophenone	8.27	105	407804	18.160	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	223573	18.333	ng/ul	91
16) 4-Methylphenol	8.23	108	278673	18.835	ng/ul	97
17) Hexachloroethane	8.51	117	111166	18.091	ng/ul	97
20) Nitrobenzene	8.64	77	331051	18.430	ng/ul	99
21) Isophorone	9.16	82	598179	18.776	ng/ul	99
23) 2-Nitrophenol	9.34	139	152426	21.605	ng/ul	90
24) 2,4-Dimethylphenol	9.42	107	308830	19.077	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.65	93	361219	18.517	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	254041	20.425	ng/ul	100
28) Naphthalene	10.26	128	850016	18.811	ng/ul	99
30) 4-Chloroaniline	10.38	127	325182	21.039	ng/ul	100
31) Hexachlorobutadiene	10.55	225	156829	18.373	ng/ul	97
32) Caprolactam	11.15	113	76055m	17.849	ng/ul	
33) 4-Chloro-3-methylphenol	11.51	107	284989	18.883	ng/ul	95
34) 2-Methylnaphthalene	11.88	142	602844	19.379	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	294149	19.834 ng/ul	95
37) Hexachlorocyclopentadiene	12.24	237	113626	12.577 ng/ul	96
38) 2,4,6-Trichlorophenol	12.51	196	192033	20.948 ng/ul	96
39) 2,4,5-Trichlorophenol	12.58	196	210697	20.891 ng/ul	99
40) 1,1'-Biphenyl	12.92	154	767011	19.742 ng/ul	99
41) 2-Chloronaphthalene	12.95	162	596879	19.457 ng/ul	94
42) 2-Nitroaniline	13.17	65	214330	19.134 ng/ul	94
44) Dimethylphthalate	13.56	163	716394	18.325 ng/ul	99
45) 2,6-Dinitrotoluene	13.68	165	147164	19.785 ng/ul	92
47) Acenaphthylene	13.81	152	917492	18.863 ng/ul	98
48) 3-Nitroaniline	14.01	138	146603	21.112 ng/ul	97
49) Acenaphthene	14.16	153	631049	19.017 ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	76401	17.693 ng/ul	85
52) 4-Nitrophenol	14.33	109	110820	16.941 ng/ul	90
53) Dibenzofuran	14.50	168	880196	19.091 ng/ul	97
54) 2,4-Dinitrotoluene	14.48	165	213431	19.237 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.73	232	170851	19.825 ng/ul#	92
56) Diethylphthalate	14.95	149	730556	18.273 ng/ul	99
58) Fluorene	15.15	166	726270	18.799 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.16	204	344738	18.102 ng/ul	95
60) 4-Nitroaniline	15.18	138	162213	20.687 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.25	198	124534	18.329 ng/ul	98
64) N-Nitrosodiphenylamine	15.37	169	625278	20.034 ng/ul	97
65) 4-Bromophenyl-phenylether	16.05	248	201770	18.992 ng/ul	93
66) Hexachlorobenzene	16.16	284	221823	18.822 ng/ul	95
67) Atrazine	16.34	200	212010	18.566 ng/ul	100
68) Pentachlorophenol	16.50	266	130493	19.049 ng/ul	92
69) Phenanthrene	16.89	178	1140280	19.172 ng/ul	97
71) Anthracene	16.98	178	1144719	18.903 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.87	216	292448	20.258 ng/uL	97
73) Pentachlorobenzene	14.42	250	267531	19.063 ng/uL	94
74) Carbazole	17.26	167	1027718	19.823 ng/ul	98
75) Di-n-butylphthalate	17.84	149	1198417	18.921 ng/ul	99
76) Fluoranthene	18.91	202	1292277	18.953 ng/ul	99
79) Pyrene	19.28	202	1315204	19.517 ng/ul	99
80) Butylbenzylphthalate	20.21	149	551220	21.195 ng/ul	99
81) 3,3'-Dichlorobenzidine	20.98	252	344516	17.562 ng/ul	97
82) Benzo(a)anthracene	21.04	228	1248773	19.703 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.00	149	766068	19.419 ng/ul	99
84) Chrysene	21.09	228	1157762	18.752 ng/ul	96
86) Di-n-octyl phthalate	21.85	149	1328163	18.895 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1178791	18.971 ng/ul	98
88) Benzo(k)fluoranthene	22.59	252	1203064	19.691 ng/ul	97
90) Benzo(a)pyrene	23.08	252	1145280	20.534 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.24	276	1248493	18.471 ng/ul	98
92) Dibenzo(a,h)anthracene	25.24	278	1084840	19.024 ng/ul	96
93) Benzo(g,h,i)perylene	25.86	276	836990	14.887 ng/ul	99

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

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