Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004401.D
Acq On : 13 Feb 2019 20:09
Operator : JU/SJ
Sample : MDL-S-06
Misc : 1PPM/4PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-06

Quant Time: Feb 14 06:49:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 06:43:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	23719	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	114275	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	74384	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	186817	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	251749	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	288918	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2465	6.25	ng/uL	0.00
5) Phenol-d5	6.90	99	51961	24.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	29061	27.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	47815	27.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	46365	25.52	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	22250	29.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	23532	29.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	47914	26.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	68223	34.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	184344	29.22	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	221699	29.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	29225	24.20	ng/ul	0.00
58) Fluorene-d10	15.38	176	162517	29.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	24637	22.61	ng/ul	0.00
71) Anthracene-d10	17.23	188	265284	29.63	ng/ul	0.00
79) Pyrene-d10	19.53	212	324925	28.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	402802	26.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	627	1.292	ng/uL#	24
4) Benzaldehyde	6.90	77	2819	2.323	ng/ul	89
6) Phenol	6.93	94	6688	3.169	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.18	93	5136	3.402	ng/ul	95
10) 2-Chlorophenol	7.31	128	5696	3.337	ng/ul	98
11) 2-Methylphenol	8.18	108	4725	2.799	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.28	45	6184	3.456	ng/ul	99
14) Acetophenone	8.57	105	8438	3.116	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.55	70	3324	2.862	ng/ul#	94
16) 4-Methylphenol	8.50	108	5595	2.994	ng/ul	99
17) Hexachloroethane	8.82	117	2045	3.422	ng/ul	97
20) Nitrobenzene	8.95	77	5969	3.606	ng/ul	99
21) Isophorone	9.46	82	9940	2.932	ng/ul	99
23) 2-Nitrophenol	9.65	139	3205	3.618	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	6734	3.370	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	7086	3.221	ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	6240	3.530	ng/ul	92
28) Naphthalene	10.58	128	21851	3.709	ng/ul	99
30) 4-Chloroaniline	10.70	127	6686	3.373	ng/ul	97
31) Hexachlorobutadiene	10.85	225	4306	3.768	ng/ul	99
32) Caprolactam	11.49	113	935	1.566	ng/ul	96
33) 4-Chloro-3-methylphenol	11.81	107	5675	2.977	ng/ul	97
34) 2-Methylnaphthalene	12.20	142	16736	3.703	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	16003	3.591	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9263	3.741	ng/ul	96
38) Hexachlorocyclopentadiene	12.53	237	4703	3.055	ng/ul	100
39) 2,4,6-Trichlorophenol	12.80	196	4046	2.765	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	4968	3.023	ng/ul	92
41) 1,1'-Biphenyl	13.22	154	22089	3.675	ng/ul	100
42) 2-Chloronaphthalene	13.26	162	16965	3.629	ng/ul	97
43) 2-Nitroaniline	13.47	65	2292	2.402	ng/ul	93
45) Dimethylphthalate	13.84	163	22439	3.598	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	2805	2.551	ng/ul	99
48) Acenaphthylene	14.11	152	26167	3.687	ng/ul	99
49) 3-Nitroaniline	14.30	138	2220	1.978	ng/ul#	88
50) Acenaphthene	14.45	153	19180	3.752	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1238	1.810	ng/ul	96
53) 4-Nitrophenol	14.59	109	2914	3.245	ng/ul	93
54) Dibenzofuran	14.79	168	27988	3.785	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	5062	2.935	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4647	3.099	ng/ul#	96
57) Diethylphthalate	15.21	149	20035	3.256	ng/ul	100
59) Fluorene	15.43	166	22833	3.810	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	12199	3.847	ng/ul	95
61) 4-Nitroaniline	15.46	138	2824	1.934	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.51	198	3440	3.004	ng/ul#	83
65) N-Nitrosodiphenylamine	15.65	169	18543	3.466	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	7227	3.462	ng/ul	95
67) Hexachlorobenzene	16.43	284	8799	3.599	ng/ul	98
68) Atrazine	16.60	200	5440	2.640	ng/ul	97
69) Pentachlorophenol	16.77	266	3112	2.183	ng/ul	94
70) Phenanthrene	17.17	178	38531	3.717	ng/ul	99
72) Anthracene	17.26	178	38748	3.713	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	9533	3.720	ng/uL	100
74) Pentachlorobenzene	14.70	250	10316	3.766	ng/uL	96
75) Carbazole	17.54	167	30883	3.312	ng/ul	99
76) Di-n-butylphthalate	18.10	149	26322	2.572	ng/ul	100
77) Fluoranthene	19.19	202	45242	3.546	ng/ul	99
80) Pyrene	19.56	202	50910	3.657	ng/ul	99
81) Butylbenzylphthalate	20.46	149	10470	2.189	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	8906	1.687	ng/ul	95
83) Benzo(a)anthracene	21.32	228	53619	3.456	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	15558	2.170	ng/ul	99
85) Chrysene	21.36	228	54217	3.681	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	28773	2.080	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	59645	3.486	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	58984	3.546	ng/ul	98
91) Benzo(a)pyrene	23.50	252	61502	3.684	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.89	276	75261	3.550	ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	63278	3.588	ng/ul	97
94) Benzo(g,h,i)perylene	26.59	276	63787	3.590	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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