Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062518\
Data File : BN001903.D
Acq On : 25 Jun 2018 09:59
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC020

Quant Time: Jun 26 04:42:48 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 19 14:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	422415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1875748	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1139642	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2658850	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	3047480	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	3080809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	76961m	7.91	ng/uL	0.00
5) Phenol-d5	6.88	99	747661	19.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	471189	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	602157	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	599481	19.58	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	287947	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	301019	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	618601	20.10	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.62	131	783064	24.57	ng/ul	-0.01
43) Dimethylphthalate-d6	13.76	166	1928380	20.04	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2413172	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	354556	20.00	ng/ul	0.00
57) Fluorene-d10	15.34	176	1693380	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	275916	19.05	ng/ul	0.00
70) Anthracene-d10	17.19	188	2640426	20.55	ng/ul	0.00
76) Pyrene-d10	19.49	212	2992021	19.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3364356	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	76931	7.677	ng/uL#	81
4) Benzaldehyde	6.86	77	494835	21.203	ng/ul	91
6) Phenol	6.91	94	765988	19.870	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	598549	20.029	ng/ul	93
10) 2-Chlorophenol	7.28	128	605541	19.738	ng/ul	99
11) 2-Methylphenol	8.15	108	578228	19.610	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.24	45	950153	20.268	ng/ul	94
14) Acetophenone	8.52	105	947640	20.151	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	484191	19.963	ng/ul	93
16) 4-Methylphenol	8.48	108	640768	19.942	ng/ul	93
17) Hexachloroethane	8.78	117	235914	19.503	ng/ul	86
20) Nitrobenzene	8.90	77	701681	20.521	ng/ul	94
21) Isophorone	9.42	82	1351783	20.130	ng/ul	97
23) 2-Nitrophenol	9.60	139	328581	20.917	ng/ul	93
24) 2,4-Dimethylphenol	9.67	107	710192	20.087	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	842974	19.928	ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	602470	20.149	ng/ul	97
28) Naphthalene	10.53	128	1992254	20.016	ng/ul	98
30) 4-Chloroaniline	10.65	127	777422	24.688	ng/ul	97
31) Hexachlorobutadiene	10.82	225	365502	20.018	ng/ul	98
32) Caprolactam	11.39	113	206566	19.838	ng/ul	84
33) 4-Chloro-3-methylphenol	11.77	107	663936	20.144	ng/ul	95
34) 2-Methylnaphthalene	12.15	142	1439089	19.932	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	740167	19.996 ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	413693	18.331 ng/ul#	93
38) 2,4,6-Trichlorophenol	12.76	196	492297	20.391 ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	525422	20.439 ng/ul	97
40) 1,1'-Biphenyl	13.17	154	1903649	20.110 ng/ul#	96
41) 2-Chloronaphthalene	13.21	162	1499509	20.293 ng/ul	98
42) 2-Nitroaniline	13.42	65	431298	20.921 ng/ul	99
44) Dimethylphthalate	13.80	163	1886441	19.944 ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	375488	21.024 ng/ul	98
47) Acenaphthylene	14.06	152	2345020	20.449 ng/ul	99
48) 3-Nitroaniline	14.25	138	376217	21.942 ng/ul	95
49) Acenaphthene	14.40	153	1596216	20.065 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	161330	17.605 ng/ul#	89
52) 4-Nitrophenol	14.56	109	261416m	19.829 ng/ul	
53) Dibenzofuran	14.74	168	2291095	20.075 ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	555326	20.913 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.97	232	461993	20.362 ng/ul#	81
56) Diethylphthalate	15.17	149	1913472	19.962 ng/ul	96
58) Fluorene	15.39	166	1823141	20.023 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.39	204	913478	20.026 ng/ul	93
60) 4-Nitroaniline	15.41	138	446640	21.099 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.47	198	302867	19.703 ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	1622456	20.404 ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	582583	20.171 ng/ul	95
66) Hexachlorobenzene	16.39	284	650745	20.005 ng/ul#	89
67) Atrazine	16.56	200	582855	20.098 ng/ul	99
68) Pentachlorophenol	16.74	266	353813	19.669 ng/ul	97
69) Phenanthrene	17.13	178	3052344	20.379 ng/ul	100
71) Anthracene	17.22	178	3100093	20.448 ng/ul	98
72) Carbazole	17.49	167	2806895	22.101 ng/ul	99
73) Di-n-butylphthalate	18.07	149	3314545	20.668 ng/ul	100
74) Fluoranthene	19.15	202	3652590	23.200 ng/ul#	89
77) Pyrene	19.52	202	3712683	19.468 ng/ul#	87
78) Butylbenzylphthalate	20.43	149	1589418	19.531 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.21	252	1232445	21.311 ng/ul#	97
80) Benzo(a)anthracene	21.27	228	3893830	20.217 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.23	149	2426568	19.996 ng/ul	99
82) Chrysene	21.33	228	3591975	20.044 ng/ul	100
84) Di-n-octyl phthalate	22.11	149	4163941	20.380 ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	3928828	20.191 ng/ul#	97
86) Benzo(k)fluoranthene	22.90	252	3775984	20.012 ng/ul#	96
88) Benzo(a)pyrene	23.43	252	3686778	20.276 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.76	276	3967907	20.508 ng/ul#	88
90) Dibenzo(a,h)anthracene	25.78	278	3298365	20.483 ng/ul#	94
91) Benzo(g,h,i)perylene	26.44	276	3240871	20.305 ng/ul#	91

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

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