Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002034.D
Acq On : 13 Jul 2018 15:10
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV07

Quant Time: Jul 13 18:59:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 13 15:04:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	434989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1977588	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1195949	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2737342	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	2863043	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	2993834	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	75138	7.79	ng/uL	0.00
5) Phenol-d5	6.89	99	787739	19.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	490792	19.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	624230	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	636715	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	320015	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	366216	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	653794	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	881441	22.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2009852	19.83	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2504960	19.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	387445	20.01	ng/ul	0.00
57) Fluorene-d10	15.34	176	1716375	19.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	352894	19.79	ng/ul	0.00
70) Anthracene-d10	17.19	188	2671538	20.02	ng/ul	0.00
78) Pyrene-d10	19.49	212	2909149	19.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	3245356	20.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	75680	7.821	ng/uL#	90
4) Benzaldehyde	6.85	77	512845	21.107	ng/ul	96
6) Phenol	6.91	94	795909	19.348	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.13	93	617861	19.698	ng/ul#	87
10) 2-Chlorophenol	7.27	128	619565	19.198	ng/ul#	88
11) 2-Methylphenol	8.15	108	609342	19.260	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1015069	19.685	ng/ul#	85
14) Acetophenone	8.52	105	998672	19.942	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.50	70	531843	19.381	ng/ul#	86
16) 4-Methylphenol	8.47	108	675829	19.687	ng/ul	99
17) Hexachloroethane	8.77	117	248984	19.518	ng/ul	98
20) Nitrobenzene	8.90	77	745867	19.779	ng/ul	97
21) Isophorone	9.42	82	1490146	19.750	ng/ul	98
23) 2-Nitrophenol	9.60	139	374734	19.751	ng/ul	92
24) 2,4-Dimethylphenol	9.67	107	747318	19.673	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.90	93	901847	19.855	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	632851	19.658	ng/ul	99
28) Naphthalene	10.53	128	2061263	19.729	ng/ul	100
30) 4-Chloroaniline	10.64	127	866715	22.887	ng/ul	99
31) Hexachlorobutadiene	10.82	225	373866	19.596	ng/ul	99
32) Caprolactam	11.40	113	238345	19.919	ng/ul#	59
33) 4-Chloro-3-methylphenol	11.78	107	713239	19.697	ng/ul	97
34) 2-Methylnaphthalene	12.15	142	1505352	19.754	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	764723	19.720 ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	477644	19.418 ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	523782	19.650 ng/ul	98
39) 2,4,5-Trichlorophenol	12.84	196	557057	19.783 ng/ul	99
40) 1,1'-Biphenyl	13.17	154	1965829	19.751 ng/ul	99
41) 2-Chloronaphthalene	13.21	162	1523486	19.686 ng/ul	95
42) 2-Nitroaniline	13.42	65	493979	19.852 ng/ul	84
44) Dimethylphthalate	13.80	163	1965324	19.792 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	419024	19.966 ng/ul	99
47) Acenaphthylene	14.06	152	2417446	19.967 ng/ul	99
48) 3-Nitroaniline	14.25	138	438996	21.221 ng/ul	94
49) Acenaphthene	14.40	153	1653603	19.789 ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	226516	18.349 ng/ul#	1
52) 4-Nitrophenol	14.57	109	268782	19.857 ng/ul#	76
53) Dibenzofuran	14.74	168	2326248	19.703 ng/ul	94
54) 2,4-Dinitrotoluene	14.71	165	616992	20.270 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.97	232	486706	19.685 ng/ul#	91
56) Diethylphthalate	15.17	149	2017452	20.009 ng/ul	99
58) Fluorene	15.39	166	1881574	19.962 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	925670	19.772 ng/ul	94
60) 4-Nitroaniline	15.42	138	482887	20.162 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.48	198	365823	19.818 ng/ul	97
64) N-Nitrosodiphenylamine	15.60	169	1662904	19.861 ng/ul	100
65) 4-Bromophenyl-phenylether	16.28	248	596072	19.790 ng/ul	92
66) Hexachlorobenzene	16.40	284	658916	19.768 ng/ul	93
67) Atrazine	16.56	200	621354	20.567 ng/ul	96
68) Pentachlorophenol	16.74	266	359728	18.973 ng/ul	99
69) Phenanthrene	17.13	178	3069243	19.966 ng/ul	99
71) Anthracene	17.22	178	3150580	20.123 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	798620	19.566 ng/uL	99
73) Pentachlorobenzene	14.66	250	755510	19.788 ng/uL	99
74) Carbazole	17.49	167	2837617	21.426 ng/ul	99
75) Di-n-butylphthalate	18.06	149	3572028	20.399 ng/ul	99
76) Fluoranthene	19.15	202	3621078	22.196 ng/ul	97
79) Pyrene	19.52	202	3674335	20.000 ng/ul	95
80) Butylbenzylphthalate	20.43	149	1712871	19.629 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.21	252	1341709	22.101 ng/ul	98
82) Benzo(a)anthracene	21.27	228	3677776	20.167 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	2479496	20.068 ng/ul	98
84) Chrysene	21.33	228	3419835	20.121 ng/ul	99
86) Di-n-octyl phthalate	22.10	149	4327131	22.007 ng/ul#	94
87) Benzo(b)fluoranthene	22.86	252	3602445	19.551 ng/ul	100
88) Benzo(k)fluoranthene	22.90	252	3560929	20.342 ng/ul	98
90) Benzo(a)pyrene	23.43	252	3506410	20.027 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.78	276	4052987	20.026 ng/ul	100
92) Dibenzo(a,h)anthracene	25.79	278	3391367	20.022 ng/ul	99
93) Benzo(g,h,i)perylene	26.46	276	3421321	20.118 ng/ul	98

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

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