Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009132.D
Acq On : 24 Dec 2019 19:10
Operator : JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV57

Manual Integrations APPROVED
mohammad
12/26/2019 4:04:24 PM

Quant Time: Dec 24 19:42:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 19:11:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	226225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1042694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	739529	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1620965	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1619345	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1837195	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	36668	7.40	ng/uL	0.00
5) Phenol-d5	6.72	99	396995	18.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	262200	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	294072	19.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	328014	18.89	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	155101	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	169677	19.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	320030	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	401544	20.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1082502	19.49	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	1280038	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	208683	18.89	ng/ul	0.00
57) Fluorene-d10	15.16	176	918649	18.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	186735	18.46	ng/ul	0.00
70) Anthracene-d10	17.00	188	1470017	19.50	ng/ul	0.00
78) Pyrene-d10	19.31	212	1656359	19.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1788032	19.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	41696	7.760	ng/uL	92
4) Benzaldehyde	6.68	77	280922	20.834	ng/ul	98
6) Phenol	6.75	94	416323	18.718	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.97	93	321234	18.783	ng/ul	98
10) 2-Chlorophenol	7.10	128	302168	19.231	ng/ul	99
11) 2-Methylphenol	7.97	108	315533	18.881	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.06	45	685936	18.914	ng/ul	98
14) Acetophenone	8.34	105	513592	19.305	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.33	70	287646	19.501	ng/ul	96
16) 4-Methylphenol	8.30	108	353787	19.263	ng/ul	95
17) Hexachloroethane	8.59	117	124204	18.692	ng/ul	95
20) Nitrobenzene	8.71	77	421436	19.758	ng/ul	97
21) Isophorone	9.23	82	813673	19.817	ng/ul	99
23) 2-Nitrophenol	9.41	139	183094	19.512	ng/ul	99
24) 2,4-Dimethylphenol	9.48	107	399108	19.832	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.72	93	491925	19.583	ng/ul	99
27) 2,4-Dichlorophenol	9.94	162	316623	19.480	ng/ul	97
28) Naphthalene	10.33	128	1079604	19.400	ng/ul	99
30) 4-Chloroaniline	10.45	127	414512	20.698	ng/ul	98
31) Hexachlorobutadiene	10.63	225	199646	19.519	ng/ul	96
32) Caprolactam	11.22	113	124156m	19.504	ng/ul	
33) 4-Chloro-3-methylphenol	11.58	107	397882	19.829	ng/ul	100
34) 2-Methylnaphthalene	11.95	142	779347	19.426	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.33	216	396239	18.989	ng/ul	96
37) Hexachlorocyclopentadiene	12.31	237	233463	18.208	ng/ul	99
38) 2,4,6-Trichlorophenol	12.57	196	268484	19.242	ng/ul	97
39) 2,4,5-Trichlorophenol	12.65	196	288536	19.339	ng/ul	96
40) 1,1'-Biphenyl	12.99	154	1052609	19.213	ng/ul	99
41) 2-Chloronaphthalene	13.02	162	818962	19.151	ng/ul	99
42) 2-Nitroaniline	13.23	65	310237	19.607	ng/ul	97
44) Dimethylphthalate	13.63	163	1088318	19.159	ng/ul	99
45) 2,6-Dinitrotoluene	13.74	165	227234	19.894	ng/ul	98
47) Acenaphthylene	13.87	152	1369597	19.594	ng/ul	99
48) 3-Nitroaniline	14.06	138	222162	19.866	ng/ul	95
49) Acenaphthene	14.22	153	919493	19.606	ng/ul	96
50) 2,4-Dinitrophenol	14.28	184	121416	17.018	ng/ul	96
52) 4-Nitrophenol	14.39	109	163494	18.557	ng/ul	99
53) Dibenzofuran	14.56	168	1290083	19.594	ng/ul	97
54) 2,4-Dinitrotoluene	14.53	165	333996	19.989	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.79	232	258951	19.040	ng/ul	97
56) Diethylphthalate	15.00	149	1156102	18.842	ng/ul	100
58) Fluorene	15.21	166	1064176	19.342	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.22	204	533278	19.339	ng/ul	98
60) 4-Nitroaniline	15.23	138	260618	19.615	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.30	198	205514	19.284	ng/ul	98
64) N-Nitrosodiphenylamine	15.43	169	935882	20.067	ng/ul	99
65) 4-Bromophenyl-phenylether	16.11	248	331998	20.325	ng/ul	95
66) Hexachlorobenzene	16.22	284	364864	20.043	ng/ul	99
67) Atrazine	16.39	200	344030	19.378	ng/ul	98
68) Pentachlorophenol	16.56	266	217521	19.076	ng/ul	95
69) Phenanthrene	16.95	178	1781539	19.934	ng/ul	98
71) Anthracene	17.04	178	1824229	19.839	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.95	216	403283	19.025	ng/uL	99
73) Pentachlorobenzene	14.48	250	403780	19.271	ng/uL	92
74) Carbazole	17.31	167	1573022	19.797	ng/ul	99
75) Di-n-butylphthalate	17.90	149	2051989	19.618	ng/ul	100
76) Fluoranthene	18.97	202	2140747	20.739	ng/ul	99
79) Pyrene	19.33	202	2200431	19.592	ng/ul	99
80) Butylbenzylphthalate	20.26	149	953174	19.296	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.03	252	761873	20.440	ng/ul	93
82) Benzo(a)anthracene	21.10	228	2097752	19.172	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.06	149	1452672	19.187	ng/ul	98
84) Chrysene	21.15	228	2093199	19.906	ng/ul	97
86) Di-n-octyl phthalate	21.92	149	2489468	20.166	ng/ul	100
87) Benzo(b)fluoranthene	22.62	252	2184823	19.458	ng/ul	99
88) Benzo(k)fluoranthene	22.66	252	2115947	19.296	ng/ul	98
90) Benzo(a)pyrene	23.16	252	1961220	19.022	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.35	276	2364056	18.926	ng/ul	100
92) Dibenzo(a,h)anthracene	25.36	278	2014859	19.112	ng/ul	98
93) Benzo(g,h,i)perylene	25.99	276	1969057	18.839	ng/ul	96

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

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