Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072420\
Data File : BN011234.D
Acq On : 24 Jul 2020 10:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02064

Manual Integrations APPROVED
mohammad
7/27/2020 12:21:09 PM

Quant Time: Jul 24 11:04:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 11:01:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	207468	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	863595	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	581907	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1380472	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1604895	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1456088	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	40608	7.48	ng/uL	0.00
5) Phenol-d5	6.68	99	318883	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	179619	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	273156	18.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	263828	19.39	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	135948	19.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	141991	19.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	285202	19.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	353842	23.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	856181	18.14	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1046095	18.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	150992	17.91	ng/ul	0.00
58) Fluorene-d10	15.12	176	769326	18.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	159309	18.91	ng/ul	0.00
71) Anthracene-d10	16.97	188	1285514	19.13	ng/ul	0.00
79) Pyrene-d10	19.27	212	1551229	19.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1546562	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	42011	7.335	ng/uL	96
4) Benzaldehyde	6.65	77	216654	25.839	ng/ul	96
6) Phenol	6.70	94	352682	19.508	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.93	93	267646	20.045	ng/ul	99
10) 2-Chlorophenol	7.06	128	291072	18.611	ng/ul	96
11) 2-Methylphenol	7.93	108	259754	19.269	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.01	45	182805	20.472	ng/ul	98
14) Acetophenone	8.29	105	446992	19.228	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.29	70	222209	18.735	ng/ul	97
16) 4-Methylphenol	8.25	108	284665	19.137	ng/ul	99
17) Hexachloroethane	8.53	117	135471	19.903	ng/ul	89
20) Nitrobenzene	8.66	77	355887	19.543	ng/ul	99
21) Isophorone	9.19	82	589454	18.940	ng/ul	99
23) 2-Nitrophenol	9.36	139	161697	19.277	ng/ul	96
24) 2,4-Dimethylphenol	9.43	107	345439	19.750	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.67	93	354849	18.839	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	286865	19.041	ng/ul	97
28) Naphthalene	10.28	128	940047	18.569	ng/ul	99
30) 4-Chloroaniline	10.40	127	374457	23.549	ng/ul	98
31) Hexachlorobutadiene	10.58	225	211245	20.251	ng/ul	98
32) Caprolactam	11.18	113	77096m	19.052	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	304531	18.845	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	685632	18.677	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	626520	18.369	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	370228	18.579	ng/ul	96
38) Hexachlorocyclopentadiene	12.26	237	240795	19.612	ng/ul	93
39) 2,4,6-Trichlorophenol	12.53	196	239261	18.865	ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	261462	18.402	ng/ul	95
41) 1,1'-Biphenyl	12.94	154	906910	18.354	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	697604	17.794	ng/ul	99
43) 2-Nitroaniline	13.19	65	194468	19.591	ng/ul	99
45) Dimethylphthalate	13.59	163	884323	17.739	ng/ul	98
46) 2,6-Dinitrotoluene	13.70	165	179736	18.194	ng/ul	88
48) Acenaphthylene	13.83	152	1088718	18.409	ng/ul	97
49) 3-Nitroaniline	14.03	138	186536	20.462	ng/ul	100
50) Acenaphthene	14.17	153	766571	18.455	ng/ul	98
51) 2,4-Dinitrophenol	14.24	184	99792	17.515	ng/ul	96
53) 4-Nitrophenol	14.35	109	169607	20.951	ng/ul	94
54) Dibenzofuran	14.52	168	1136150	19.087	ng/ul	96
55) 2,4-Dinitrotoluene	14.49	165	276195	19.159	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	14.75	232	225029	18.954	ng/ul	90
57) Diethylphthalate	14.97	149	954131	19.429	ng/ul	99
59) Fluorene	15.17	166	933504	18.623	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.17	204	469002	18.708	ng/ul	95
61) 4-Nitroaniline	15.20	138	197805	18.377	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.26	198	167009	19.035	ng/ul#	90
65) N-Nitrosodiphenylamine	15.39	169	798067	18.411	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	278767	18.364	ng/ul#	91
67) Hexachlorobenzene	16.18	284	309257	18.359	ng/ul	95
68) Atrazine	16.36	200	299161	20.335	ng/ul	99
69) Pentachlorophenol	16.53	266	193556	19.433	ng/ul	94
70) Phenanthrene	16.91	178	1567291	18.751	ng/ul	96
72) Anthracene	17.00	178	1616308	19.043	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	371634	18.300	ng/uL	94
74) Pentachlorobenzene	14.44	250	361032	18.519	ng/uL	96
75) Carbazole	17.27	167	1451809	20.073	ng/ul	99
76) Di-n-butylphthalate	17.86	149	1725372	20.001	ng/ul	99
77) Fluoranthene	18.94	202	1944521	20.645	ng/ul	99
80) Pyrene	19.30	202	2083874	19.257	ng/ul	97
81) Butylbenzylphthalate	20.24	149	862015	20.877	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.02	252	623309	18.509	ng/ul	93
83) Benzo(a)anthracene	21.07	228	2109492	18.629	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.03	149	1360910	20.734	ng/ul	99
85) Chrysene	21.12	228	2046309	18.789	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	2298579	24.268	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	2134877	21.385	ng/ul	98
89) Benzo(k)fluoranthene	22.63	252	1957571	19.484	ng/ul	99
91) Benzo(a)pyrene	23.13	252	1734953	19.705	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2037137	19.557	ng/ul	95
93) Dibenzo(a,h)anthracene	25.32	278	1662256	19.007	ng/ul	98
94) Benzo(g,h,i)perylene	25.93	276	1684604	20.020	ng/ul	99

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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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