Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009742.D
Acq On : 18 Feb 2020 12:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02068

Manual Integrations APPROVED
mohammad
2/20/2020 8:57:46 AM

Quant Time: Feb 19 02:49:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 14:07:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	118187	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	480625	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	306385	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	665000	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	677622	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	673927	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	24581	8.55	ng/uL	0.00
5) Phenol-d5	6.62	99	195312	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	141447	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	151487	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	154158	19.28	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	75679	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	79539	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	156326	21.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	169772	20.43	ng/ul	-0.01
44) Dimethylphthalate-d6	13.48	166	470614	20.56	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	573255	21.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	80201	19.19	ng/ul	0.00
58) Fluorene-d10	15.06	176	422628	21.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	77075	18.66	ng/ul	0.00
71) Anthracene-d10	16.91	188	642194	21.07	ng/ul	0.00
79) Pyrene-d10	19.22	212	695733	19.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	733167	21.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	26698	8.088	ng/uL	95
4) Benzaldehyde	6.58	77	145570	21.775	ng/ul	96
6) Phenol	6.64	94	209994	19.493	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.86	93	169419	20.010	ng/ul	97
10) 2-Chlorophenol	6.99	128	159827	20.049	ng/ul	93
11) 2-Methylphenol	7.86	108	155033	19.666	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	458044	22.068	ng/ul	99
14) Acetophenone	8.23	105	258839	19.864	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.22	70	142749	20.966	ng/ul	94
16) 4-Methylphenol	8.19	108	168296	19.457	ng/ul	98
17) Hexachloroethane	8.46	117	77143	21.270	ng/ul	99
20) Nitrobenzene	8.60	77	220475	21.279	ng/ul	99
21) Isophorone	9.12	82	375788	20.608	ng/ul	99
23) 2-Nitrophenol	9.30	139	91554	21.271	ng/ul	97
24) 2,4-Dimethylphenol	9.37	107	196918	21.071	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.60	93	229426	20.586	ng/ul	98
27) 2,4-Dichlorophenol	9.83	162	156922	21.033	ng/ul	96
28) Naphthalene	10.21	128	544439	21.006	ng/ul	98
30) 4-Chloroaniline	10.34	127	174550	20.515	ng/ul	96
31) Hexachlorobutadiene	10.50	225	105664	21.177	ng/ul#	87
32) Caprolactam	11.13	113	47345m	18.922	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	179884	21.085	ng/ul	100
34) 2-Methylnaphthalene	11.83	142	368516	20.477	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	378500	20.982	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	193704	21.329	ng/ul	94
38) Hexachlorocyclopentadiene	12.19	237	71469	18.189	ng/ul	98
39) 2,4,6-Trichlorophenol	12.47	196	120526	20.911	ng/ul	97
40) 2,4,5-Trichlorophenol	12.55	196	126743	20.497	ng/ul	97
41) 1,1'-Biphenyl	12.87	154	492878	20.945	ng/ul	96
42) 2-Chloronaphthalene	12.91	162	395093	21.141	ng/ul	99
43) 2-Nitroaniline	13.13	65	147947	21.648	ng/ul	96
45) Dimethylphthalate	13.53	163	495565	20.753	ng/ul	99
46) 2,6-Dinitrotoluene	13.65	165	99906	21.371	ng/ul	95
48) Acenaphthylene	13.77	152	625516	21.442	ng/ul	98
49) 3-Nitroaniline	13.98	138	87466	20.266	ng/ul	99
50) Acenaphthene	14.12	153	421471	21.075	ng/ul	99
51) 2,4-Dinitrophenol	14.20	184	44929	16.741	ng/ul	98
53) 4-Nitrophenol	14.30	109	79948	21.198	ng/ul	90
54) Dibenzofuran	14.46	168	589637	21.006	ng/ul	100
55) 2,4-Dinitrotoluene	14.45	165	148537	21.439	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.70	232	112292	21.122	ng/ul	97
57) Diethylphthalate	14.91	149	519516	21.187	ng/ul	99
59) Fluorene	15.11	166	498339	21.154	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.12	204	246036	21.177	ng/ul	95
61) 4-Nitroaniline	15.15	138	96656m	18.365	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	84621	19.015	ng/ul	99
65) N-Nitrosodiphenylamine	15.33	169	423268	21.452	ng/ul	98
66) 4-Bromophenyl-phenylether	16.01	248	139931	21.029	ng/ul	95
67) Hexachlorobenzene	16.12	284	150492	20.439	ng/ul	98
68) Atrazine	16.30	200	149988	20.039	ng/ul	96
69) Pentachlorophenol	16.47	266	79221	18.618	ng/ul	95
70) Phenanthrene	16.85	178	792140	20.872	ng/ul	100
72) Anthracene	16.95	178	820014	21.136	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	206682	21.273	ng/uL	96
74) Pentachlorobenzene	14.38	250	195084	20.822	ng/uL	98
75) Carbazole	17.22	167	697292	20.409	ng/ul	99
76) Di-n-butylphthalate	17.80	149	867076	20.561	ng/ul	99
77) Fluoranthene	18.88	202	924601	20.799	ng/ul	99
80) Pyrene	19.25	202	972157	19.899	ng/ul	98
81) Butylbenzylphthalate	20.18	149	385912	19.216	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.96	252	276163	18.692	ng/ul	100
83) Benzo(a)anthracene	21.01	228	906933	19.476	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	598874	19.532	ng/ul	98
85) Chrysene	21.06	228	888831	19.388	ng/ul	97
87) Di-n-octyl phthalate	21.82	149	1005773	19.718	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	904457	20.699	ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	867194	20.960	ng/ul	97
91) Benzo(a)pyrene	23.04	252	857549	21.821	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	1005642	21.553	ng/ul	97
93) Dibenzo(a,h)anthracene	25.20	278	847255	21.226	ng/ul	100
94) Benzo(g,h,i)perylene	25.81	276	845955	21.623	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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