Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
Data File : BN014395.D
Acq On : 24 Apr 2021 10:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020061

Manual Integrations APPROVED
mohammad
4/26/2021 11:41:05 AM

Quant Time: Apr 26 02:08:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 26 02:01:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	181495	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	777881	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	461447	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	906323	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	901932	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	880300	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	31356	6.58	ng/uL	0.00
4) Pyridine-d5	3.61	84	173760	13.75	ng/ul	0.00
7) Phenol-d5	6.85	99	271708	17.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	170429	18.76	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	230450	19.31	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	216967	18.86	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	121151	21.55	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	109583	19.91	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	223837	18.88	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	317221	18.03	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	639335	19.12	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	815172	20.27	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	110829	17.09	ng/ul	0.00
60) Fluorene-d10	15.32	176	545475	18.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	73388	15.13	ng/ul	0.00
73) Anthracene-d10	17.16	188	827795	19.57	ng/ul	0.00
81) Pyrene-d10	19.46	212	874962	19.98	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	899470	19.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	33637	6.924	ng/uL	93
5) Pyridine	3.63	79	179303	13.810	ng/ul	92
6) Benzaldehyde	6.83	77	191533	25.002	ng/ul	99
8) Phenol	6.87	94	292517	17.935	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.11	93	245231	19.118	ng/ul	100
12) 2-Chlorophenol	7.25	128	243634	19.094	ng/ul	98
13) 2-Methylphenol	8.12	108	227218	19.212	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.21	45	287946	20.307	ng/ul	99
16) Acetophenone	8.50	105	395940	20.481	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.48	70	191713	21.329	ng/ul	97
18) 4-Methylphenol	8.45	108	247706	19.339	ng/ul	97
19) Hexachloroethane	8.75	117	112364	20.949	ng/ul	99
22) Nitrobenzene	8.87	77	301341	20.265	ng/ul	99
23) Isophorone	9.39	82	532219	21.282	ng/ul	99
25) 2-Nitrophenol	9.57	139	125423	19.283	ng/ul	98
26) 2,4-Dimethylphenol	9.64	107	268719	18.558	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.87	93	336058	19.725	ng/ul	99
29) 2,4-Dichlorophenol	10.10	162	230532	18.944	ng/ul	98
30) Naphthalene	10.51	128	831514	19.286	ng/ul	100
32) 4-Chloroaniline	10.62	127	327729	18.105	ng/ul	100
33) Hexachlorobutadiene	10.80	225	150275	18.914	ng/ul	96
34) Caprolactam	11.37	113	65781m	19.394	ng/ul	

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35) 4-Chloro-3-methylphenol	11.75	107	225138	18.717	ng/ul	100
36) 2-Methylnaphthalene	12.13	142	576968	19.641	ng/ul	97
37) 1-Methylnaphthalene	12.35	142	571795	19.547	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	291928	18.691	ng/ul	99
40) Hexachlorocyclopentadiene	12.48	237	159993	16.496	ng/ul	96
41) 2,4,6-Trichlorophenol	12.74	196	160726	17.805	ng/ul	93
42) 2,4,5-Trichlorophenol	12.81	196	184365	18.404	ng/ul	94
43) 1,1'-Biphenyl	13.15	154	722342	19.033	ng/ul	98
44) 2-Chloronaphthalene	13.19	162	557045	18.777	ng/ul	99
45) 2-Nitroaniline	13.39	65	140247	20.392	ng/ul	94
47) Dimethylphthalate	13.78	163	657957	18.959	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	126428	20.773	ng/ul	98
50) Acenaphthylene	14.04	152	831182	19.425	ng/ul	99
51) 3-Nitroaniline	14.22	138	137882	18.387	ng/ul	98
52) Acenaphthene	14.39	153	595029	19.064	ng/ul	98
53) 2,4-Dinitrophenol	14.43	184	94752	26.672	ng/ul	97
55) 4-Nitrophenol	14.53	109	115385	20.769	ng/ul	98
56) Dibenzofuran	14.72	168	812580	18.707	ng/ul	99
57) 2,4-Dinitrotoluene	14.68	165	179011	20.361	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	144000	18.271	ng/ul#	93
59) Diethylphthalate	15.15	149	645792	18.192	ng/ul	99
61) Fluorene	15.37	166	679423	19.296	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.37	204	326606	18.836	ng/ul	98
63) 4-Nitroaniline	15.39	138	141914	19.442	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.45	198	78756	15.334	ng/ul	95
67) N-Nitrosodiphenylamine	15.58	169	538441	19.094	ng/ul	100
68) 4-Bromophenyl-phenylether	16.26	248	189725	19.787	ng/ul	97
69) Hexachlorobenzene	16.37	284	223628	19.539	ng/ul	99
70) Atrazine	16.54	200	174484	17.411	ng/ul	96
71) Pentachlorophenol	16.72	266	118475	17.804	ng/ul	93
72) Phenanthrene	17.11	178	1013034	19.144	ng/ul	99
74) Anthracene	17.20	178	1034671	19.250	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.11	216	287860	19.287	ng/uL	98
76) Pentachlorobenzene	14.64	250	288949	19.479	ng/uL	95
77) Carbazole	17.47	167	886678	18.236	ng/ul	100
78) Di-n-butylphthalate	18.04	149	1012290	19.242	ng/ul	99
80) Fluoranthene	19.13	202	1104823	19.970	ng/ul	99
82) Pyrene	19.49	202	1166941	19.809	ng/ul	100
83) Butylbenzylphthalate	20.40	149	366543	18.950	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.18	252	264812	16.416	ng/ul	94
85) Benzo(a)anthracene	21.24	228	1113269	19.103	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	638733	20.261	ng/ul	97
87) Chrysene	21.30	228	1131967	20.039	ng/ul	94
89) Di-n-octyl phthalate	22.06	149	1014406	18.457	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	1144345	19.431	ng/ul	97
91) Benzo(k)fluoranthene	22.86	252	1093396	18.650	ng/ul	99
93) Benzo(a)pyrene	23.39	252	1029347	19.755	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.73	276	1356205	19.638	ng/ul	98
95) Dibenzo(a,h)anthracene	25.74	278	1105323	19.388	ng/ul	96
96) Benzo(g,h,i)perylene	26.42	276	1087497	19.486	ng/ul	98

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

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