Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012583.D
Acq On : 17 Nov 2020 12:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:13 AM

Quant Time: Nov 17 13:44:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 13:38:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	148205	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	616403	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	404503	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	892272	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	929682	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1016003	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	28820	6.93	ng/uL	0.00
5) Phenol-d5	6.64	99	252110	18.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	160781	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	199185	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	207496	18.83	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	98894	19.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	105452	18.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	212403	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	246734	23.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	637787	19.31	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	790403	20.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	114209	18.47	ng/ul	0.00
58) Fluorene-d10	15.11	176	563848	19.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	111000	18.24	ng/ul	0.00
71) Anthracene-d10	16.96	188	868134	19.15	ng/ul	0.00
79) Pyrene-d10	19.26	212	932330	19.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1069813	19.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	31694	7.047	ng/uL	96
4) Benzaldehyde	6.61	77	156389	20.108	ng/ul	95
6) Phenol	6.67	94	257856	18.698	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	204105	19.343	ng/ul	96
10) 2-Chlorophenol	7.02	128	201819	18.879	ng/ul	97
11) 2-Methylphenol	7.90	108	190846	18.520	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.98	45	282709	20.326	ng/ul	98
14) Acetophenone	8.28	105	329896	19.496	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.27	70	177059	20.659	ng/ul	95
16) 4-Methylphenol	8.23	108	206262	18.318	ng/ul	86
17) Hexachloroethane	8.52	117	94325	20.117	ng/ul	97
20) Nitrobenzene	8.65	77	282189	20.471	ng/ul	95
21) Isophorone	9.17	82	478213	20.527	ng/ul	98
23) 2-Nitrophenol	9.35	139	118790	19.619	ng/ul	92
24) 2,4-Dimethylphenol	9.42	107	254878	19.743	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	281919	19.554	ng/ul	98
27) 2,4-Dichlorophenol	9.88	162	207748	19.954	ng/ul	94
28) Naphthalene	10.27	128	695008	19.504	ng/ul	97
30) 4-Chloroaniline	10.39	127	231529	22.798	ng/ul	97
31) Hexachlorobutadiene	10.56	225	139900	20.488	ng/ul	94
32) Caprolactam	11.16	113	58297m	17.624	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	235596	19.760	ng/ul	95
34) 2-Methylnaphthalene	11.89	142	482208	19.390	ng/ul	99

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35) 1-Methylnaphthalene	12.12	142	575366	19.413	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	253550	20.300	ng/ul	91
38) Hexachlorocyclopentadiene	12.25	237	157511	20.102	ng/ul	98
39) 2,4,6-Trichlorophenol	12.52	196	157954	19.094	ng/ul	96
40) 2,4,5-Trichlorophenol	12.59	196	165983	19.047	ng/ul	95
41) 1,1'-Biphenyl	12.93	154	641931	19.147	ng/ul	95
42) 2-Chloronaphthalene	12.97	162	516366	19.714	ng/ul	95
43) 2-Nitroaniline	13.19	65	168887	21.665	ng/ul	93
45) Dimethylphthalate	13.58	163	657425	19.756	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	135054	20.145	ng/ul#	87
48) Acenaphthylene	13.83	152	780904	19.774	ng/ul	99
49) 3-Nitroaniline	14.03	138	103952	20.030	ng/ul#	93
50) Acenaphthene	14.17	153	562118	19.490	ng/ul	97
51) 2,4-Dinitrophenol	14.24	184	72003	17.357	ng/ul#	85
53) 4-Nitrophenol	14.34	109	119173	21.081	ng/ul	89
54) Dibenzofuran	14.52	168	779057	19.485	ng/ul	98
55) 2,4-Dinitrotoluene	14.49	165	195658	20.009	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.75	232	151948	20.106	ng/ul	95
57) Diethylphthalate	14.96	149	677518	19.921	ng/ul	99
59) Fluorene	15.16	166	665236	19.912	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.17	204	325279	20.058	ng/ul	97
61) 4-Nitroaniline	15.20	138	120480	18.303	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.26	198	118085	18.280	ng/ul#	87
65) N-Nitrosodiphenylamine	15.39	169	566614	19.972	ng/ul	95
66) 4-Bromophenyl-phenylether	16.06	248	192744	19.231	ng/ul	93
67) Hexachlorobenzene	16.17	284	228916	19.162	ng/ul	97
68) Atrazine	16.35	200	196444	19.255	ng/ul	96
69) Pentachlorophenol	16.52	266	132492	18.803	ng/ul	93
70) Phenanthrene	16.90	178	1069578	19.497	ng/ul	97
72) Anthracene	16.99	178	1063635	19.125	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	236942	18.703	ng/uL#	83
74) Pentachlorobenzene	14.43	250	254983	19.277	ng/uL	96
75) Carbazole	17.27	167	900037	18.963	ng/ul	99
76) Di-n-butylphthalate	17.85	149	1154297	19.659	ng/ul	98
77) Fluoranthene	18.93	202	1218540	19.314	ng/ul	95
80) Pyrene	19.30	202	1283730	19.394	ng/ul	97
81) Butylbenzylphthalate	20.22	149	518341	19.352	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.00	252	352331	19.085	ng/ul#	90
83) Benzo(a)anthracene	21.06	228	1199977	19.151	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	786857	19.492	ng/ul	99
85) Chrysene	21.11	228	1169430	19.146	ng/ul	95
87) Di-n-octyl phthalate	21.86	149	1335335	18.453	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1275586	18.789	ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	1228727	18.819	ng/ul	99
91) Benzo(a)pyrene	23.10	252	1175515	18.955	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.27	276	1498590	19.389	ng/ul	96
93) Dibenzo(a,h)anthracene	25.29	278	1228886	18.567	ng/ul	98
94) Benzo(g,h,i)perylene	25.91	276	1218232	18.614	ng/ul	97

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

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