Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012592.D
Acq On : 18 Nov 2020 13:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02003

Manual Integrations APPROVED
mohammad
11/20/2020 11:29:38 AM

Quant Time: Nov 18 14:36:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 14:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	150745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	611533	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	389535	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	820708	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	810182	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	870793	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	28887	6.83	ng/uL	0.00
5) Phenol-d5	6.63	99	242308	17.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	159640	19.76	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	202218	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	199488	17.80	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	95816	19.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	110095	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	204662	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	229972	21.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	611189	19.21	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	734200	19.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	101107	16.98	ng/ul	0.00
58) Fluorene-d10	15.10	176	528341	18.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	103152	18.42	ng/ul	0.00
71) Anthracene-d10	16.96	188	782456	18.77	ng/ul	0.00
79) Pyrene-d10	19.26	212	836113	19.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	902447	18.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	31957	6.986	ng/uL	93
4) Benzaldehyde	6.60	77	151394	19.138	ng/ul	92
6) Phenol	6.66	94	252191	17.979	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.89	93	204271	19.032	ng/ul	97
10) 2-Chlorophenol	7.02	128	202559	18.629	ng/ul	97
11) 2-Methylphenol	7.90	108	186433	17.787	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.98	45	301340	21.300	ng/ul	98
14) Acetophenone	8.27	105	319409	18.558	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.26	70	174575	20.026	ng/ul	93
16) 4-Methylphenol	8.23	108	206226	18.007	ng/ul	94
17) Hexachloroethane	8.51	117	96672	20.270	ng/ul	96
20) Nitrobenzene	8.64	77	261265	19.104	ng/ul	96
21) Isophorone	9.16	82	484124	20.946	ng/ul	98
23) 2-Nitrophenol	9.35	139	115418	19.214	ng/ul	92
24) 2,4-Dimethylphenol	9.41	107	241347	18.844	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.65	93	275594	19.268	ng/ul	97
27) 2,4-Dichlorophenol	9.87	162	191690	18.558	ng/ul	97
28) Naphthalene	10.26	128	661535	18.713	ng/ul	98
30) 4-Chloroaniline	10.39	127	228916	22.720	ng/ul	97
31) Hexachlorobutadiene	10.55	225	127714	18.852	ng/ul	98
32) Caprolactam	11.16	113	58914	17.953	ng/ul	84
33) 4-Chloro-3-methylphenol	11.52	107	228217	19.293	ng/ul	96
34) 2-Methylnaphthalene	11.89	142	468895	19.004	ng/ul	95

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35) 1-Methylnaphthalene	12.12	142	553338	18.819	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	229069	19.045	ng/ul	93
38) Hexachlorocyclopentadiene	12.25	237	141514	18.754	ng/ul	94
39) 2,4,6-Trichlorophenol	12.52	196	155903	19.570	ng/ul	92
40) 2,4,5-Trichlorophenol	12.59	196	159168	18.967	ng/ul	91
41) 1,1'-Biphenyl	12.93	154	607829	18.826	ng/ul	98
42) 2-Chloronaphthalene	12.96	162	483780	19.180	ng/ul	97
43) 2-Nitroaniline	13.19	65	150206	20.009	ng/ul	95
45) Dimethylphthalate	13.57	163	616949	19.252	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	127503	19.750	ng/ul	91
48) Acenaphthylene	13.82	152	732297	19.256	ng/ul	96
49) 3-Nitroaniline	14.02	138	93161	18.640	ng/ul	95
50) Acenaphthene	14.17	153	525876	18.934	ng/ul	96
51) 2,4-Dinitrophenol	14.23	184	62711	15.698	ng/ul#	84
53) 4-Nitrophenol	14.34	109	91411	16.791	ng/ul	94
54) Dibenzofuran	14.51	168	722561	18.766	ng/ul	97
55) 2,4-Dinitrotoluene	14.49	165	187288	19.889	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	14.74	232	143322	19.693	ng/ul	98
57) Diethylphthalate	14.96	149	651060	19.879	ng/ul	98
59) Fluorene	15.16	166	615333	19.126	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.16	204	294215	18.839	ng/ul	93
61) 4-Nitroaniline	15.19	138	107599m	16.974	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.26	198	108334	18.233	ng/ul#	94
65) N-Nitrosodiphenylamine	15.38	169	503593	19.299	ng/ul	96
66) 4-Bromophenyl-phenylether	16.06	248	175205	19.005	ng/ul	92
67) Hexachlorobenzene	16.16	284	203275	18.499	ng/ul	97
68) Atrazine	16.35	200	182667	19.466	ng/ul	97
69) Pentachlorophenol	16.52	266	118265	18.247	ng/ul	90
70) Phenanthrene	16.90	178	939738	18.624	ng/ul	98
72) Anthracene	16.99	178	958640	18.740	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	224712	19.284	ng/uL	92
74) Pentachlorobenzene	14.43	250	230008	18.905	ng/uL	95
75) Carbazole	17.27	167	824555	18.887	ng/ul	98
76) Di-n-butylphthalate	17.85	149	1114273	20.633	ng/ul	98
77) Fluoranthene	18.93	202	1110359	19.134	ng/ul	96
80) Pyrene	19.30	202	1138092	19.730	ng/ul	99
81) Butylbenzylphthalate	20.22	149	515250	22.074	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.00	252	349143	21.702	ng/ul	93
83) Benzo(a)anthracene	21.06	228	1054133	19.305	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	783424	22.269	ng/ul	96
85) Chrysene	21.11	228	1018835	19.141	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	1354634	21.841	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1037294	17.827	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1098608	19.632	ng/ul	100
91) Benzo(a)pyrene	23.10	252	1020171	19.193	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.29	276	1235153	18.645	ng/ul	97
93) Dibenzo(a,h)anthracene	25.30	278	1034588	18.238	ng/ul	97
94) Benzo(g,h,i)perylene	25.92	276	1021869	18.217	ng/ul	97

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

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