Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012629.D
Acq On : 19 Nov 2020 12:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02006

Manual Integrations APPROVED
mohammad
11/20/2020 11:30:52 AM

Quant Time: Nov 19 13:43:16 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	173459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	700349	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	460086	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	984610	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1031004	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1094690	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	34681	7.13	ng/uL	0.00
5) Phenol-d5	6.63	99	283545	17.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	178234	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	230449	18.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	231212	17.93	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	110296	19.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	124523	19.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	233547	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	270641	22.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	726859	19.34	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	877574	19.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	118529	16.85	ng/ul	0.00
58) Fluorene-d10	15.10	176	629857	19.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	123322	18.36	ng/ul	0.00
71) Anthracene-d10	16.95	188	960175	19.20	ng/ul	0.00
79) Pyrene-d10	19.26	212	1017566	18.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1122617	18.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	35320	6.710	ng/uL	95
4) Benzaldehyde	6.60	77	174590	19.180	ng/ul	97
6) Phenol	6.66	94	290825	18.018	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.89	93	231554	18.749	ng/ul	95
10) 2-Chlorophenol	7.01	128	232335	18.570	ng/ul	98
11) 2-Methylphenol	7.89	108	216651	17.963	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.98	45	337343	20.723	ng/ul	97
14) Acetophenone	8.26	105	367876	18.576	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.25	70	201326	20.071	ng/ul	97
16) 4-Methylphenol	8.22	108	232112	17.613	ng/ul	91
17) Hexachloroethane	8.50	117	109095	19.879	ng/ul	95
20) Nitrobenzene	8.63	77	303569	19.382	ng/ul	98
21) Isophorone	9.16	82	545175	20.597	ng/ul	99
23) 2-Nitrophenol	9.34	139	135895	19.754	ng/ul	95
24) 2,4-Dimethylphenol	9.41	107	283939	19.358	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.65	93	312441	19.074	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	221879	18.757	ng/ul	96
28) Naphthalene	10.26	128	776178	19.171	ng/ul	97
30) 4-Chloroaniline	10.38	127	259385	22.480	ng/ul	97
31) Hexachlorobutadiene	10.54	225	147354	18.993	ng/ul	97
32) Caprolactam	11.15	113	69731m	18.554	ng/ul	
33) 4-Chloro-3-methylphenol	11.51	107	256071	18.903	ng/ul	98
34) 2-Methylnaphthalene	11.88	142	549292	19.440	ng/ul	97

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35) 1-Methylnaphthalene	12.11	142	652321	19.372	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	273521	19.253	ng/ul	98
38) Hexachlorocyclopentadiene	12.24	237	172560	19.362	ng/ul	99
39) 2,4,6-Trichlorophenol	12.52	196	178826	19.005	ng/ul	93
40) 2,4,5-Trichlorophenol	12.59	196	188338	19.002	ng/ul	92
41) 1,1'-Biphenyl	12.92	154	717014	18.803	ng/ul	96
42) 2-Chloronaphthalene	12.96	162	575453	19.316	ng/ul	97
43) 2-Nitroaniline	13.18	65	181994	20.526	ng/ul	92
45) Dimethylphthalate	13.57	163	729447	19.272	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	149845	19.651	ng/ul	91
48) Acenaphthylene	13.82	152	861043	19.169	ng/ul	99
49) 3-Nitroaniline	14.02	138	112680	19.088	ng/ul	96
50) Acenaphthene	14.17	153	618240	18.846	ng/ul	99
51) 2,4-Dinitrophenol	14.23	184	77578	16.441	ng/ul	91
53) 4-Nitrophenol	14.34	109	120721	18.775	ng/ul	92
54) Dibenzofuran	14.50	168	841738	18.509	ng/ul	97
55) 2,4-Dinitrotoluene	14.49	165	218150	19.614	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.74	232	165574	19.262	ng/ul#	95
57) Diethylphthalate	14.95	149	783556	20.255	ng/ul	96
59) Fluorene	15.16	166	721775	18.994	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.16	204	360126	19.524	ng/ul	95
61) 4-Nitroaniline	15.19	138	136096m	18.177	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.25	198	130131	18.256	ng/ul	94
65) N-Nitrosodiphenylamine	15.38	169	596245	19.046	ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	206284	18.652	ng/ul	93
67) Hexachlorobenzene	16.16	284	238182	18.068	ng/ul	94
68) Atrazine	16.34	200	218044	19.368	ng/ul	98
69) Pentachlorophenol	16.51	266	146416	18.830	ng/ul	88
70) Phenanthrene	16.90	178	1148364	18.970	ng/ul	97
72) Anthracene	16.99	178	1168205	19.035	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	266805	19.085	ng/uL	97
74) Pentachlorobenzene	14.42	250	278225	19.062	ng/uL	98
75) Carbazole	17.26	167	997804	19.051	ng/ul	98
76) Di-n-butylphthalate	17.84	149	1317082	20.328	ng/ul	99
77) Fluoranthene	18.93	202	1308410	18.793	ng/ul	95
80) Pyrene	19.29	202	1389230	18.926	ng/ul	98
81) Butylbenzylphthalate	20.22	149	609204	20.509	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.00	252	398047	19.442	ng/ul	93
83) Benzo(a)anthracene	21.05	228	1326232	19.086	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	926781	20.702	ng/ul	98
85) Chrysene	21.10	228	1273910	18.807	ng/ul	98
87) Di-n-octyl phthalate	21.86	149	1575791	20.210	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1341643	18.341	ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	1353518	19.240	ng/ul	97
91) Benzo(a)pyrene	23.10	252	1233404	18.459	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.27	276	1562476	18.762	ng/ul	97
93) Dibenzo(a,h)anthracene	25.29	278	1334786	18.717	ng/ul	97
94) Benzo(g,h,i)perylene	25.90	276	1298736	18.418	ng/ul	98

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

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