Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100920\
Data File : BN012121.D
Acq On : 09 Oct 2020 12:45
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04056

Manual Integrations APPROVED
mohammad
10/12/2020 11:35:15 AM

Quant Time: Oct 09 13:21:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 09 12:44:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	226888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	920956	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	600884	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1391385	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1426419	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	1460335	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	78415	15.04	ng/uL	0.00
5) Phenol-d5	6.81	99	750317	39.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	463619	39.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	613731	40.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	618620	41.50	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	298558	40.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	348015	44.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	610966	40.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	819982	45.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1977479	41.95	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2350963	41.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	386322	44.51	ng/ul	0.00
58) Fluorene-d10	15.27	176	1703625	41.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	368061	41.45	ng/ul	0.00
71) Anthracene-d10	17.13	188	2656710	39.38	ng/ul	0.00
79) Pyrene-d10	19.43	212	2985354	39.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	3277193	39.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	88404	13.503	ng/uL	92
4) Benzaldehyde	6.79	77	505928	46.413	ng/ul	97
6) Phenol	6.84	94	777561	39.476	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	632625	39.532	ng/ul	97
10) 2-Chlorophenol	7.20	128	639035	40.349	ng/ul	98
11) 2-Methylphenol	8.08	108	601721	41.128	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	823989	39.926	ng/ul	100
14) Acetophenone	8.45	105	955710	40.229	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.45	70	511104	42.873	ng/ul	99
16) 4-Methylphenol	8.40	108	653477	41.653	ng/ul	95
17) Hexachloroethane	8.70	117	276386	38.356	ng/ul	94
20) Nitrobenzene	8.83	77	794853	39.324	ng/ul	95
21) Isophorone	9.35	82	1439955	42.502	ng/ul	98
23) 2-Nitrophenol	9.53	139	368488	42.123	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	756169	39.836	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.83	93	861694	40.530	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	622811	40.550	ng/ul	99
28) Naphthalene	10.46	128	2100377	39.848	ng/ul	99
30) 4-Chloroaniline	10.57	127	790853	43.916	ng/ul	98
31) Hexachlorobutadiene	10.75	225	394254	37.913	ng/ul	98
32) Caprolactam	11.36	113	202715m	47.864	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	725367	43.458	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	1496958	41.324	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	1438229	40.177 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	713045	36.631 ng/ul	91
38) Hexachlorocyclopentadiene	12.43	237	490308	35.624 ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	504643	41.350 ng/ul	96
40) 2,4,5-Trichlorophenol	12.77	196	540799	41.078 ng/ul	93
41) 1,1'-Biphenyl	13.10	154	1900056	38.174 ng/ul	100
42) 2-Chloronaphthalene	13.15	162	1539392	38.835 ng/ul	98
43) 2-Nitroaniline	13.35	65	497230	43.772 ng/ul	97
45) Dimethylphthalate	13.74	163	2041632	42.035 ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	436711	46.065 ng/ul	95
48) Acenaphthylene	14.00	152	2385617	40.355 ng/ul	97
49) 3-Nitroaniline	14.19	138	416350	48.131 ng/ul	97
50) Acenaphthene	14.34	153	1693507	39.859 ng/ul	97
51) 2,4-Dinitrophenol	14.39	184	272959	47.227 ng/ul	93
53) 4-Nitrophenol	14.50	109	342261	42.322 ng/ul	97
54) Dibenzofuran	14.68	168	2373522	40.947 ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	626992	45.560 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.90	232	487223	44.338 ng/ul#	97
57) Diethylphthalate	15.12	149	2162277	43.257 ng/ul	99
59) Fluorene	15.33	166	2007767	41.317 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	961503	40.539 ng/ul	99
61) 4-Nitroaniline	15.36	138	462187	49.447 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.42	198	397524	41.157 ng/ul#	96
65) N-Nitrosodiphenylamine	15.55	169	1686815	38.012 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	596863	37.508 ng/ul	92
67) Hexachlorobenzene	16.33	284	728856	39.253 ng/ul	98
68) Atrazine	16.50	200	655781	40.390 ng/ul	96
69) Pentachlorophenol	16.68	266	447183	40.620 ng/ul	95
70) Phenanthrene	17.07	178	3260256	38.462 ng/ul	96
72) Anthracene	17.16	178	3405820	39.791 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	722289	35.710 ng/uL	97
74) Pentachlorobenzene	14.60	250	762046	36.731 ng/uL	96
75) Carbazole	17.43	167	2949814	39.691 ng/ul	99
76) Di-n-butylphthalate	18.00	149	3918166	41.517 ng/ul	99
77) Fluoranthene	19.09	202	4015730	42.178 ng/ul	100
80) Pyrene	19.46	202	4044472	39.308 ng/ul	99
81) Butylbenzylphthalate	20.37	149	1849531	43.724 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.16	252	1469141	44.271 ng/ul	95
83) Benzo(a)anthracene	21.22	228	3797852	39.522 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.16	149	2870268	44.213 ng/ul#	96
85) Chrysene	21.27	228	3686859	39.027 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	4776049	44.034 ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	3812895	37.271 ng/ul	97
89) Benzo(k)fluoranthene	22.82	252	3876571	38.469 ng/ul	98
91) Benzo(a)pyrene	23.34	252	3559818	38.360 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.63	276	4473839	37.755 ng/ul	98
93) Dibenzo(a,h)anthracene	25.64	278	3780222	38.723 ng/ul	97
94) Benzo(g,h,i)perylene	26.30	276	3798756	37.643 ng/ul	99

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

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