Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013458.D
Acq On : 22 Jan 2021 08:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020558

Manual Integrations APPROVED
mohammad
1/25/2021 7:56:10 AM

Quant Time: Jan 22 09:49:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 09:47:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	562946	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2218232	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1237375	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2343100	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1840032	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1713521	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	119581	8.66	ng/uL	0.00
4) Pyridine-d5	3.57	84	773623	21.47	ng/ul	0.00
7) Phenol-d5	6.76	99	947376	21.40	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	564122	21.68	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	828269	21.39	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	755428	21.50	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	375451	21.57	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	395571	22.14	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	747406	21.84	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	1041781	21.57	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	1999712	21.78	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	2518417	21.56	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	361034	21.00	ng/ul	0.00
60) Fluorene-d10	15.22	176	1719871	21.55	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	278743	20.42	ng/ul	0.00
73) Anthracene-d10	17.07	188	2474165	21.85	ng/ul	0.00
81) Pyrene-d10	19.37	212	2316272	21.18	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2053252	22.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	121483	8.504	ng/uL	98
5) Pyridine	3.59	79	781342	21.406	ng/ul	99
6) Benzaldehyde	6.73	77	274746	15.208	ng/ul	98
8) Phenol	6.79	94	979815	21.431	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.02	93	808206	21.504	ng/ul	99
12) 2-Chlorophenol	7.15	128	845978	21.323	ng/ul	99
13) 2-Methylphenol	8.02	108	740273	21.492	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.12	45	1166546	22.230	ng/ul	98
16) Acetophenone	8.39	105	1156086	21.784	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.39	70	530067	21.952	ng/ul	99
18) 4-Methylphenol	8.35	108	804406	21.569	ng/ul	96
19) Hexachloroethane	8.65	117	351764	21.287	ng/ul	96
22) Nitrobenzene	8.76	77	861303	21.803	ng/ul	100
23) Isophorone	9.29	82	1507054	22.200	ng/ul	99
25) 2-Nitrophenol	9.47	139	442607	21.807	ng/ul	96
26) 2,4-Dimethylphenol	9.53	107	843751	21.675	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.78	93	1029795	21.758	ng/ul	100
29) 2,4-Dichlorophenol	10.00	162	748264	21.723	ng/ul	99
30) Naphthalene	10.40	128	2685087	21.441	ng/ul	100
32) 4-Chloroaniline	10.50	127	1031016	22.098	ng/ul	100
33) Hexachlorobutadiene	10.69	225	476466	21.189	ng/ul	97
34) Caprolactam	11.26	113	200683m	21.049	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.63	107	743620	22.021 ng/ul	98
36) 2-Methylnaphthalene	12.02	142	1802929	21.534 ng/ul	96
37) 1-Methylnaphthalene	12.24	142	1731748	21.601 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	837754	21.074 ng/ul	99
40) Hexachlorocyclopentadiene	12.38	237	507967	20.839 ng/ul	98
41) 2,4,6-Trichlorophenol	12.63	196	529844	22.102 ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	570695	21.776 ng/ul	99
43) 1,1'-Biphenyl	13.05	154	2263460	21.682 ng/ul	99
44) 2-Chloronaphthalene	13.08	162	1767280	21.417 ng/ul	98
45) 2-Nitroaniline	13.29	65	422402	22.404 ng/ul	97
47) Dimethylphthalate	13.68	163	2052482	21.495 ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	417248	22.334 ng/ul	97
50) Acenaphthylene	13.93	152	2604546	21.651 ng/ul	98
51) 3-Nitroaniline	14.12	138	288676	16.845 ng/ul	96
52) Acenaphthene	14.28	153	1843137	21.471 ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	179176	18.798 ng/ul	95
55) 4-Nitrophenol	14.43	109	266643	21.549 ng/ul	96
56) Dibenzofuran	14.62	168	2452264	21.330 ng/ul	100
57) 2,4-Dinitrotoluene	14.59	165	580320	22.231 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.85	232	442872	21.813 ng/ul	96
59) Diethylphthalate	15.06	149	2003330	21.721 ng/ul	99
61) Fluorene	15.27	166	1967673	21.693 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.27	204	946058	21.257 ng/ul	99
63) 4-Nitroaniline	15.29	138	253707	16.471 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	305974	20.671 ng/ul	100
67) N-Nitrosodiphenylamine	15.49	169	1656821	21.346 ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	565678	21.409 ng/ul	99
69) Hexachlorobenzene	16.27	284	627686	20.747 ng/ul	99
70) Atrazine	16.45	200	543078	21.382 ng/ul	97
71) Pentachlorophenol	16.62	266	335501	20.778 ng/ul	97
72) Phenanthrene	17.01	178	2999685	21.442 ng/ul	99
74) Anthracene	17.10	178	3010451	21.436 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	833282	20.945 ng/uL	97
76) Pentachlorobenzene	14.54	250	785833	20.764 ng/uL	98
77) Carbazole	17.37	167	2563753	21.846 ng/ul	100
78) Di-n-butylphthalate	17.96	149	3014075	22.594 ng/ul	99
80) Fluoranthene	19.03	202	3057461	21.526 ng/ul	98
82) Pyrene	19.40	202	3154615	21.633 ng/ul	99
83) Butylbenzylphthalate	20.32	149	1103815	22.746 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.10	252	672168	20.600 ng/ul	96
85) Benzo(a)anthracene	21.16	228	2668405	21.830 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	1603939	23.500 ng/ul	99
87) Chrysene	21.21	228	2632732	21.881 ng/ul	97
89) Di-n-octyl phthalate	21.98	149	2493119	23.632 ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	2534013	22.596 ng/ul	98
91) Benzo(k)fluoranthene	22.75	252	2481426	22.352 ng/ul	96
93) Benzo(a)pyrene	23.26	252	2336936	22.679 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.53	276	2915267	22.815 ng/ul	100
95) Dibenzo(a,h)anthracene	25.54	278	2374919	22.249 ng/ul	99
96) Benzo(g,h,i)perylene	26.19	276	2383289	22.438 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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